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Fall/Winter '90 – '91

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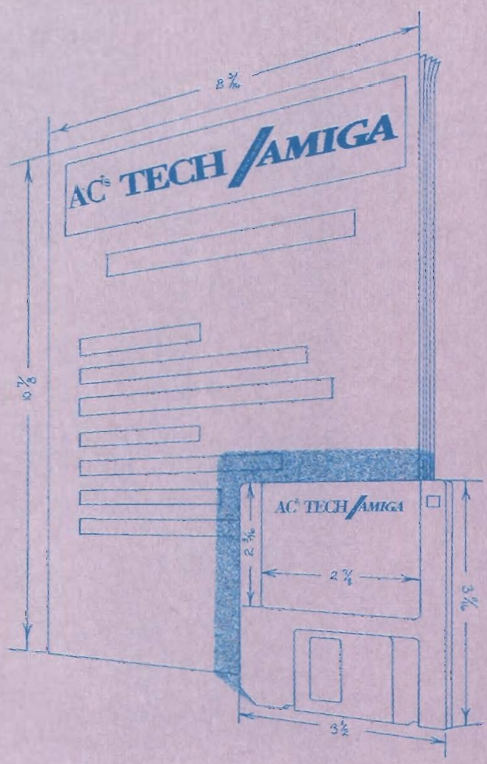

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EDITORIAL & HOW TO USE THIS GUIDE

Congratulations, you are holding the most complete Amiga product guide available today. This publication is the largest ever created for the Amiga and, aside from its expanded size, this issue of *AC's GUIDE To The Commodore Amiga* has a few subtle changes and added features to improve its usefulness.

As before, the Guide is divided into several different sections. Software and Hardware are categorized in the front, Users Groups and Freely Redistributable Software are listed in the center, and the entire rear of the magazine is filled with indexes and cross references.

The Software and Hardware categories are divided into subsections. Each category has a list of the subsections on its first page and there is a complete list of categories and subsections in the Category Index on page 284. **Accessories and Services** (page 194) as well as **Books & Tapes** (page 199) are also included in the Category Index.

Pages 208 through 211 are dedicated to **Last Minute Additions**. These are the Amiga products or services that we received notification of after the main segments of the Guide were created. This addendum is important and should be referred to every time you are searching for a special listing. These include some of the latest advancements in Amiga third-party products.

Each listing in the above sections now includes the name, address and telephone number of the vendor as well as the standard product information and suggested retail price. Readers are no longer forced to refer to the vendor listing after they have found a particular product listing. However, the **Amiga Vendor** listing starts on page 307 for readers who need a vendor's address or phone number quickly.

The **Freely Redistributable Software** section is still arranged in alphabetical order. A program listing contains a description of the latest version of the program as well as a complete list of all Fred Fish or AMICUS disks that have carried the program (listed with the latest versions first). The reader can discover what else is on a disk by checking the **Fred Fish Index** (page 279) or the **AMICUS Index** (page 283). This edition of *AC's GUIDE* contains an additional 40 disks from the Fred Fish Collection.

Products are indexed in alphabetical order in the **Index By Product** section on page 285. To find a product by its vendor, please refer to the **Index By Vendor** section on page 295.

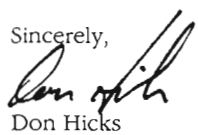
For AC fans, there is a complete Back Issue listing of *Amazing Computing* beginning on page 223 and the AC Disk Collection is listed on page 278.

Everything in this edition of *AC's GUIDE* has been reviewed and, in most cases revamped. However, our work is never complete. We are constantly improving *AC's GUIDE* with suggestions generated here at *Amazing Computing* or through suggestions offered by our readers. In fact, our readers are our best resource for new changes. Your insight is extremely valuable and if you have a suggestion, please write us.

AC's GUIDE is as complete as we can make it. This issue is the result of hundreds of phone calls and thousands of letters. We strive to make this publication the most thorough document in the Amiga community. Yet, things change. New developers come to market with new products, while old products become obsolete and discontinued. Again, we must rely on our readers' input to continue to provide a complete listing. If you have found either a product neglected or a product listed that is no longer available, please write us.

As always, thank you for your assistance and for your support. *AC's GUIDE* may be able to present all the great opportunities available to the its readers, but it is its readers who turn these opportunities into everyday use.

Sincerely,



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Managing Editor

AC's GUIDE AMIGA

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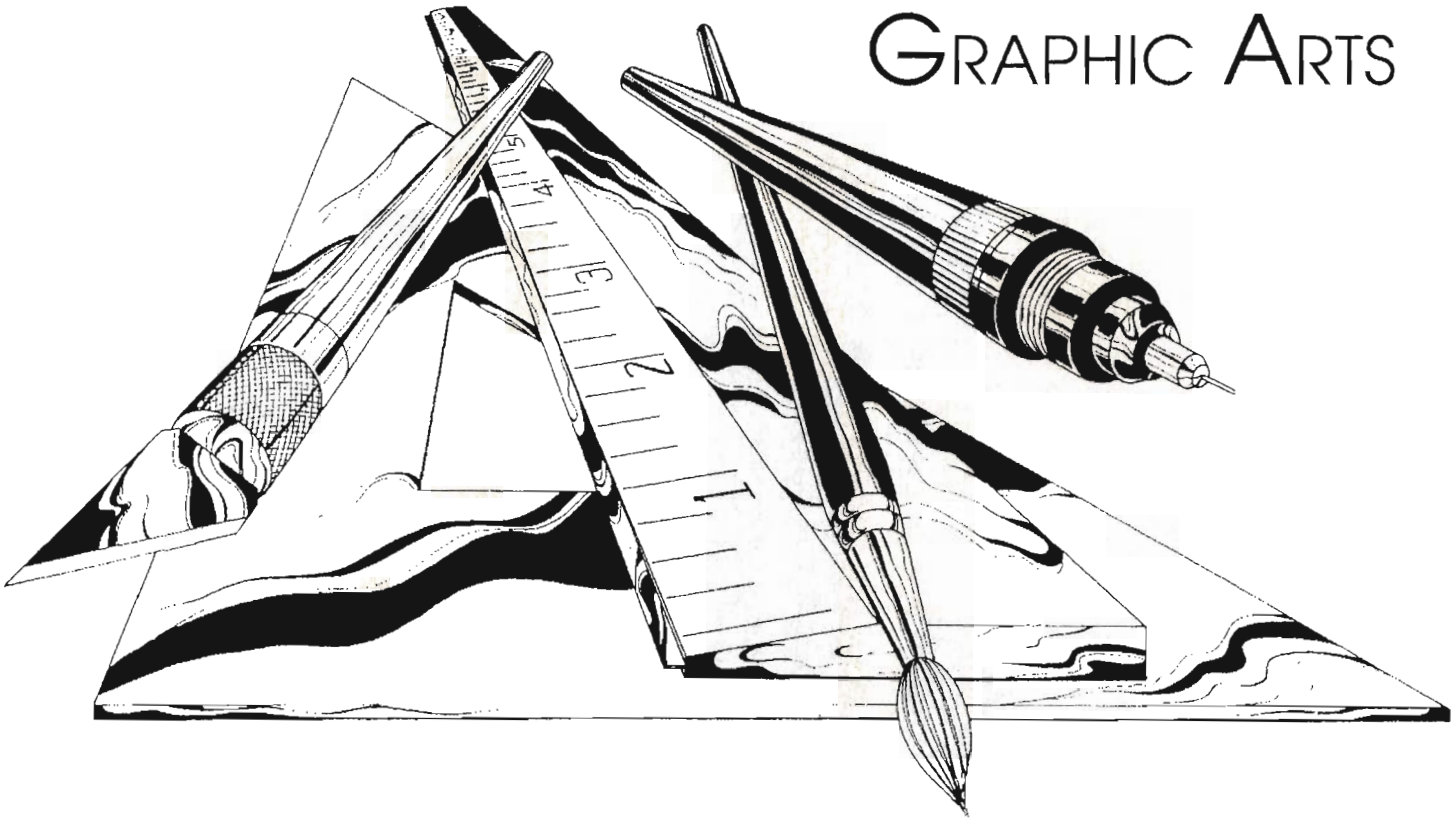

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• GENERAL •

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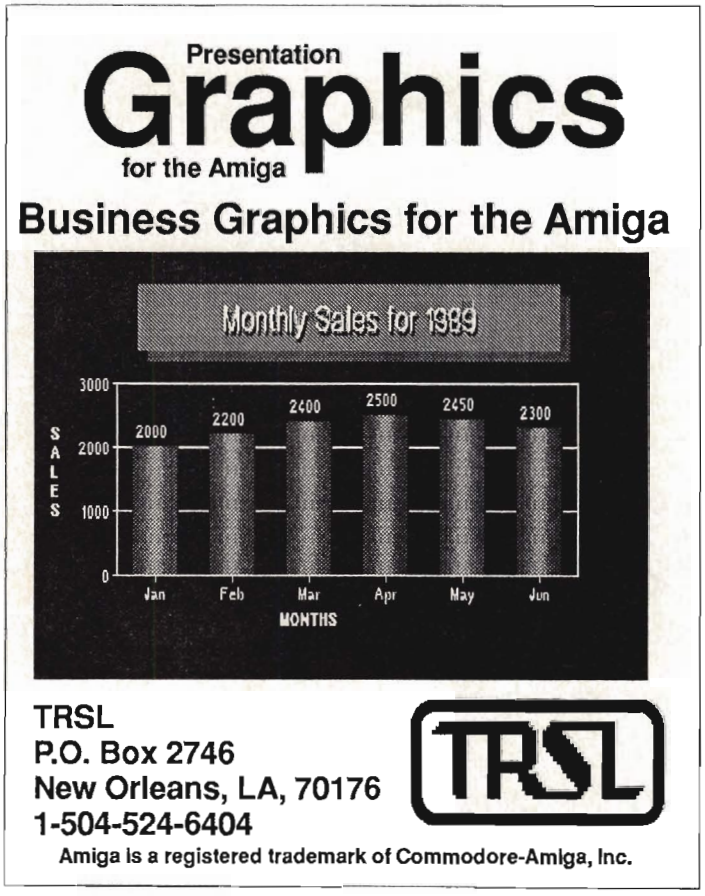

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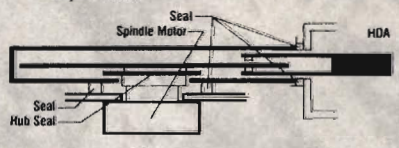

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The consumer version of the professional Sculpt-Animate 4D software. Composed for individuals who wish to learn 3-D design and animation skills with minimum effort. You control object rotation, camera movements, timing, and action with an easy-to-use graphical interface. Scenes created in any SA package are interchangeable. $150.00
Byte by Byte;, Arboretum Plaza II 9442, Capitol of, TX Hwy. N. St. 150, Austin, TX 78759, (512) 343-4357

Turbo Silver 3.0
Turbo Silver 3.0 is a complete ray tracing and solid model rendering engine and 3-D editor to be used in the creation of photo realistic images and animations. Simple-to-use interface makes generating animations easy. Complete control of the world and camera are part of the Turbo Silver function set. $199.95
Impulse, Inc., 6870 Shingle Creek Parkway #112, Minneapolis, MN 55430, (612) 566-0221

Video Effects 3D
TV Network-style 3-D perspective special effects generator for the Amiga. Creates super smooth 3-D effects using 2-D high-res IFF pictures. The user controls each picture's 3-D path, speed, tumbles, turns, spins, and zooms, with an interactive real-time wire frame preview. 3-D extrusion option creates 3-D solid logo from flat text. Super smooth effects playback at 60 fields/sec. $199.95
InnoVision Technology, 1933 Davis St. Ste. 238, San Leandro, CA 94577, (415) 638-8432

World 3D
World 3D is an interactive graphic editor for the DBW-Render RayTracer. It is compatible with DBW-Render versions 1.0 and 2.x, and runs on any Amiga. It offers speed in designing, editing, & previewing scenes for DBW-Render, with a very friendly interface. World 3D's features include a point-and-click interface, the ability to save individual objects, compact code that speeds you along, painless editing with ghosting, and much more. $95.00
Synergy Peripheral Systems, 5638 Allen Ave. Suite #3, San Jose, CA 95123, (408) 972-2434

• 3-D CLIP ART & OBJECTS •

AniMotions
AniMotions will animate any human like object created with Sculpt Animate 4D to execute a variety of common human movements. Create your own humanoids or use of the included mannequins. Alter the movements as you wish and change to perform sequences of actions. The mannequins can also be manipulated into any posture and painted over in the paint program. Sculpt Animate 4D version $49.95/ Turbo Silver version (operates only with enclosed mannequins) $34.95
T. Macri Designs, 4896 Parkinson St., Pierrefonds, Quebec, Canada H8Y 2Z4, (514) 638-7350

CYBER Graphics Architectural Design Disk
Collection of professionally-designed 3-D objects and components to be used with the popular 3-D modeling programs for the Amiga. Design disks are provided in file formats compatible with Videoscape 3D, Modeler 3D, Sculpt 3D, Sculpt Animate 3D, and Interchange. Architectural Design lets you visualize and render real world architecture. Component parts include doors, windows, arches, roofs, walls, stairways, and a variety of architectural constructs. $34.95
Antic Publishing, 544 Second St., San Francisco, CA 94107, (415) 957-0886

CYBER Graphics Future Design Disk
Collection of professionally-designed 3-D objects and components to be used with the popular 3-D modeling programs for the Amiga. Design disks are provided in file formats compatible with Videoscape 3D, Modeler 3D, Sculpt 3D, Sculpt Animate 3D, and Interchange. Future Design gives you everything you need to build spacecrafts, space stations, bases, robots, and androids to create your own future world. $34.95
Antic Publishing, 544 Second St., San Francisco, CA 94107, (415) 957-0886

CYBER Graphics Human Design Disk
Collection of professionally-designed 3-D objects and components to be used with the popular 3-D modeling programs for the Amiga. Design disks are provided in file formats compatible with Videoscape 3D, Modeler 3D, Sculpt 3D, Sculpt Animate 3D, and Interchange. Human Design includes complete male and female prototypes in skeletal form with complex head and hand structures for startling realism and detail. $34.95
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GRAPHIC ARTS

CRITICAL MASS SOFTWARE
presents
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Professionally designed 3-D objects for use in the most popular Amiga 3-D modeling programs.

Silicon World - Packed with 3D objects based on common electronic components: transistors, resistors, diodes, LEDs, chips, etc.

Landscapes I - Common man-made roadside objects. Street lamps, mailboxes, fire hydrants, traffic lights, telephone poles and much more. All you need to create a super realistic suburban landscape.

Landscape II - This collection focuses on natural landscape features. Trees, shrubs, bushes, flowers, hills and more. Even a moon and sun.

When you order please feel free to make suggestions on subject matter for future Virtual Reality disks. The best is yet to come!

Available in the following formats: 3D Professional, Imagine, Amiga Sculpt 3D/4D, Mac Sculpt 4D, Turbo Silver 2.0/3.0, Videoscape 3D, Modeler 3D and InterChange.
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$ 24.95
includes shipping & handling in the USA.
NJ residents add $1.75 sales tax.

Send check or money order to:
Critical Mass Software
P.O. Box 23
Short Hills, NJ 07078

Circle 133 on Reader Service card.

CYBER Graphics Microbot Design Disk
Collection of professionally-designed 3-D objects and components to be used with the popular 3-D modeling programs for the Amiga. Design disks are provided in file formats compatible with Videoscape 3D, Modeler 3D, Sculpt 3D, Sculpt Animate 3D, and Interchange. Microbot Design includes surrealistic modules to create humanoid and alien cyborgs. $34.95
Antic Publishing, 544 Second St., San Francisco, CA 94107, (415) 957-0886

Object Disk #1
A full disk of 3-D objects in Sculpt and Videoscape 3D format. Objects include a space shuttle, a human head and figure, a hot air balloon, office furniture and accessories, and a full font of letters. $19.95
SYNDESIS, N9353 Benson Road, Brooklyn, WI 53521, (608) 455-1422

Orbiter/Space Station Data Disk
Allows Sculpt/Animate 3D owners to create their own vision of America's space program. $69.95
Byte by Byte, Arboretum Plaza II 9442, Capitol of, TX Hwy. N. Ste. 150, Austin, TX 78759, (512) 343-4357

Silicon World
Silicon World is a full disk of professionally designed 3-D objects for use with the popular Amiga 3-D modeling programs. Enhance your visions with our models of common electronic components. Resistors, transistors, capacitors, diodes, LEDs, chips of all shapes and sizes including accurate 68000 and 680 x 0 models, and more. We provide these objects in formats compatible with 3D Professional, Imagine, Amiga Sculpt 3D/4D, Mac Sculpt 3D, Turbo Silver 2.0 & 3.0, Modeler 3D, Videoscape 3D, and Interchange. $24.95
Critical Mass Software, P.O. Box 23, Short Hills, NJ 07078
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Video Visions Vol. 2: The 3D Animator V2.0
Images and parts custom made for 3-D and Page Flipping Animation programs with a focus toward Fantasy Animals subjects. Features objects for 3-D. Specify your 3-D Editor: 3-D Knight, Unicorn, Giants' Hand, 3-D Videocam, Dogsworld animation, 3-D Globe spin, Clouds backdrop, Field Backdrop HAM, and Tree Backdrop, More! Over 40 files, overscan HAM screens, and 3-D objects for your editor. VideoScape, Sculpt 3D, or Turbo Silver supported (2 disks). $24.95
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224

Virtual Landscapes I
Virtual Landscapes I is a full disk of professionally-designed 3-D objects for use with the popular Amiga 3-D modeling programs. The subject matter is common roadside objects including street lamps, fire hydrants, U.S. Mail boxes, public telephones, utility poles and high tension towers, traffic lights, and more. All you need to create a super-realistic suburban landscape. We provide these objects in formats compatible with 3D Professional, Imagine, Amiga Sculpt 3D/4D, Mac Sculpt 3D, Turbo Silver 2.0/3.0, Modeler 3D, Videoscape 3D, and InterChange. $24.95
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Virtual Landscapes II
Virtual Landscapes II is a full disk of professionally-designed 3-D objects for use with the popular Amiga 3-D modeling programs. Avoiding the sterile 3-D look is easy when you use the organic objects included with this disk. Trees from palm to poplar, bushes, shrubs, flowers, rocks, plants, and more. You'll be creating tranquil rural settings in no time. You even get a very funky moon and sun! We provide these objects in formats compatible with 3D Professional, Imagine, Amiga Sculpt 3D/4D, Mac Sculpt 3D, Turbo Silver 2.0/3.0, Modeler 3D, Videoscape 3D, and InterChange. $24.95
Critical Mass Software, P.O. Box 23, Short Hills, NJ 07078
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• 3-D FONTS •

Fancy 3D Fonts
Available in Sculpt-Animate Version or Turbo Silver Version. Each version contains a two-disk set of 3 proportionally sized fonts called Bold, Ital, and Fanc and emulate the font sets traditionally known as Helvetica Bold, Bookman Italic, and Clarendon Medium. Each font set includes upper case, lower case, numbers (except Bold), symbols, and many international characters. $79.95
Access Technologies, Inc., P.O. Box 202197, Austin, TX 78720, (512) 343-9564

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InterFont turns your 3-D modeling program into a video titling system. If you add text to your renderings and animations, InterFont is a valuable part of your Amiga graphics system. Automatically create text objects for 3-D modeling and desktop publishing programs. InterFont includes the InterChange system and modules for Sculpt 3D, VideoScape 3D, and Aegis DrawPlus. Version 1.2 now includes 20 different InterFonts and the Professional Draw Converter Module, which makes InterFont text for Gold Disk's Professional Page and Professional Draw. $119.95
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Living Logos Fonts
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Master Fonts 3D
Group of fonts selected for their excellent 3-D properties. For use in VideoScape 3D and Sculpt 3D for production of high quality animations. $29.95
T.S.R. Hutchinson, 110 W. Arrowdale, Houston, TX 77037, (713) 448-6143

Tate Fonts I
3-D titling. Three fonts includes Tube, Slots, and Prism. $69.95
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• 3-D UTILITIES •

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A powerful software module for ray tracing images from 3D Professional and other 3-D programs. Comes with many advanced features, including distributive network ray tracing. Price TBA.
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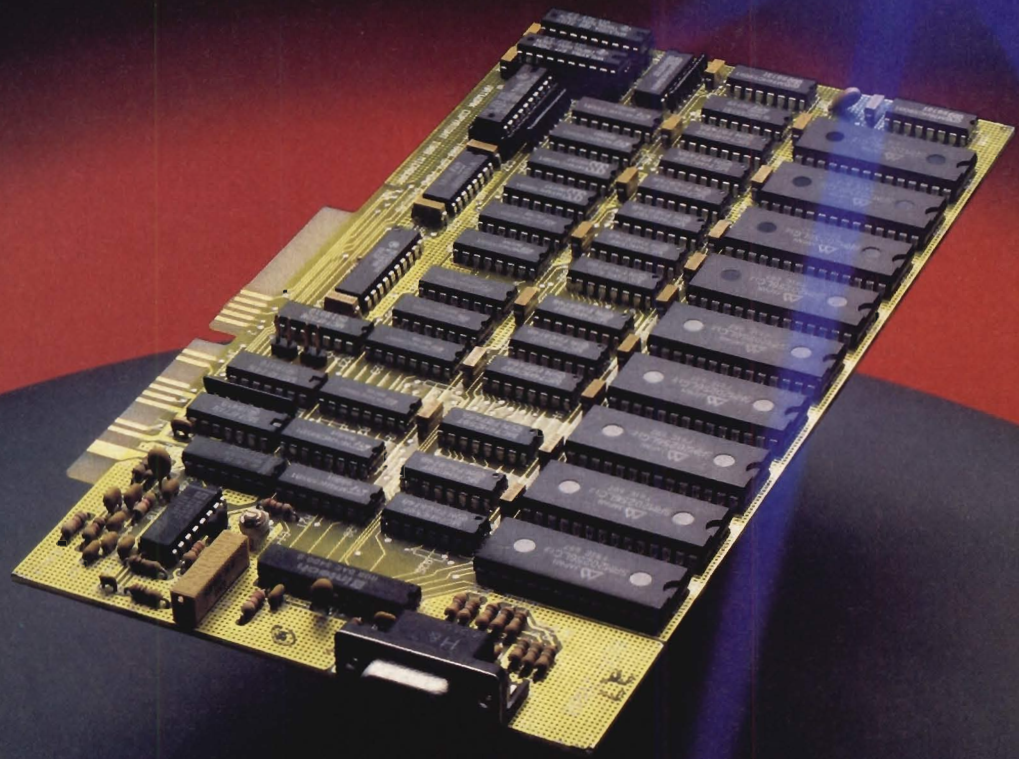

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3D Options
Auto tracing, image creation and file conversion package. Allows you to take an IFF bitmapped picture and convert it into an object which can be used in various 3-D programs or CAD packages. File formats supported include: Videoscape 3D, Aegis Draw, Post Script, DXE (AutoCAD...), Professional Page, Modeler 3D, Interchange, MCAD, and more. $49.95
Rainbows Edge Productions, 4412 4th Ave., Brooklyn, NY 11220, (718) 965-1922

Aegis Pro/Motion
Professional Motion Editing environment for VideoScape 3D motion files. No more tedious building of x-y-z coordinate tables to control object motions. Aegis Pro/Motion allows fast creation of motion files by clicking on objects on-screen in a dynamic motion editing environment. Keeps track of up to 25 objects plus the camera. You can preview animations for instant feedback and stop at any point. Utilizes special effects such as wind, gravity, and magnetism to duplicate natural movements, to create uncanny real motions. Create and edit motion files in a tenth of the time of normal data entry. Spend time creating instead of waiting. $99.95
Oxxi/Aegis Development, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

CineLink
CineLink can control high-quality digital slide film recorders directory from any Amiga equipped with an A2091 or compatible disk controller. Film recorders supported include Lasergraphics, LFR/LFR+, and Presentation Technologies montage at up to 4000 lines of resolution instant film and 35mm Cine backs available. $299.95
Active Circuits, Inc., 1985 Highway 34 A-4, Wall, NJ 07719, (201) 974-1616

DigiWorks 3D
This new product will take digitized images, the latest in Amiga characters and clip art, or two dimensional graphics from painting or image processing programs and convert them into 2-D and 3-D objects to be rendered and animated in powerful 3-D rendering programs. A fast polygon fill algorithm has been implemented along with 2-D to 3-D extrusion options so that objects will be ready to directly load and render in a 3-D rendering program. Specific tools and options include Vertex Level Editing, User Definable Screen Colors, Freehand Drawing, Absolute and Relative Coordinate Measurements, Adjustable Tracing Accuracy, Output sizing Controls, and much more. $129.95
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Forms in Flight Conversion Module
Add-on module for InterChange and InterFonts. Converts to and from the Forms In Flight 1.0 format. Matches color palettes between objects and scenes. $19.95
SYNDESIS, N9353 Benson Road, Brooklyn, WI 53521, (608) 455-1422

ImageLink 2.0
ImageLink is an advanced conversion and imaging system for the Amiga. It will convert image files between a variety of image formats including Macintosh, IBM, Targa, ATVista, and numerous others. Additional modules are available for other formats and imaging hardware. $199.95
Active Circuits, Inc., 1985 Highway 34 A-4, Wall, NJ 07719, (201) 974-1616

InterChange
A proven system for sharing objects between 3-D modeling programs. Includes modules for Sculpt 3D and VideoScape 3D formats. Take advantage of the best of each 3-D program. Use one program for making objects, and another for generating images. Expandable into the future through additional modules for other formats and object manipulation tools. $49.95
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PAGErender Conversion Module
Add-on module for InterChange and InterFont. Converts to and from Mindware's PAGErender3D format. Choose between Cartesian, Cylindrical, Sperical, and Tetrahedral coordinate systems. Reduce all polygons to six sides or less. Only available directly from Syndesis Corporation. $34.95
SYNDESIS, N9353 Benson Road, Brooklyn, WI 53521, (608) 455-1422

TGALink
Using TGALink and ImageLink, Amiga users can output 24-bit ray-traced graphics to true vision videographics boards for high-quality, full-color video output. Images may be recorded frame by frame to videotape to produce stunning results. Requires Amiga Bridgeboard. $299.95
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Turbo Silver Module Pack
A six-pack of Modules for InterChange and InterFont, including Modules for both Turbo Silver 2.0 and 3.0 formats, and four other Modules for manipulating objects. The Scale Tool enlarges and shrinks objects, the GridSnap Tool aligns the points of an object to a given grid, and the PointReduce Tool helps you get the best results with smooth objects. The Statistics Converter creates a file of information about an object, including exact point locations, edges, and faces. Polygon colors can be shown in raw RGB values, English color names and VideoScape 2.0 color numbers. $29.95
SYNDESIS, N9353 Benson Road, Brooklyn, WI 53521, (608) 455-1422

X-Kit V1.2
Two-disk set of handy and unusual graphic & 3-D utilities of all types-object editors, wire frame, modulars, ANIM utilities, etc. $34.95
Dimension-X, Inc./CommoTech, 1636 D Ave., National City, CA 92050, (619) 477-3106

• 3-D VIDEOTITLING •

TV GRAPHICS
TV GRAPHICS is a two-disk set video graphics background art to be used in desktop video presentations or professional video applications. Screens include marble, wood, brick, fiber, and decorative backgrounds. Also included are sets of frames for dubbing in external video sources. All screens are created in interlace overscan for direct video work. Backgrounds can be used with multimedia authoring systems, video titling, and paint software. $49.95
Slide City, 6474 Highway 11, Deleon Springs, FL 32130, (904) 985-1103
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TV GRAPHICS 2
TV GRAPHICS 2 is the latest in the TV GRAPHICS video clip art series. TV GRAPHICS 2 is a two-disk set of video background art to be used in desktop video. New screens include more marble and wood, carpet, plaster bricks, and many more. All screens are created in interlace overscan for direct video work. Backgrounds can be used with multimedia authoring systems, video titling, and paint software. $49.95
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• ANIMATION •

A Twist of Fate
More ANIMbrushes that are subject to stress on all axis, resulting in drastic dimensional aberrations. Can be combined with the "Plato" ANIMbrushes to create some startling animation scenarios. Three disks of ANIMbrushes and free animation disk. $39.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443. (802) 453-4293

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Three animation techniques combined in a desktop video system. Uses tweening to control the movement of objects during animation. Also supports page flipping, and Metamorphic animation, allowing you to create an object then change its shape. Includes paint system and public domain animation player program. Full-featured paint system with over 4000 colors. Color palette contains 16 adjustable patterns and options. Wide range of tools including freehand drawing, lines, fills, adjustable airbrush, rectangles, polygons, triangles, and more. Editing functions, resizing and rotating options, two painting screens with separate palettes, and more. All files use IFF standard. $99.95
Oxxi/Aegis Development, 1339 E. 28th Street, Long Beach, CA 90806. (213) 427-1227

GRAPHIC ARTS

Amiga Graphics Starter Kit
A bundle of four beginner's graphic products for the budding Amiga graphics enthusiast. Includes Aegis Images, Animator, Draw , ArtPak as well as Arazok's Tomb just for grins. $99.95
Oxxi/Aegis Development , 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

AniMotions
AniMotions will animate any human like object created with Sculpt Animate 4D to execute a variety of common human movements. Create your own humanoids or use of the included mannequins. Alter the movements as you wish and change to perform sequences of actions. The mannequins can also be manipulated into any posture and painted over in the paint program. Sculpt Animate 4D version $49.95/ Turbo Silver version (operates only with enclosed mannequins) $34.95
T. Macri Designs, 4896 Parkinson St., Pierrefonds, Quebec, Canada H8Y 2Z4, (514) 638-7350

Animate-3D
Allows you to animate Sculpt-3D programs $149.95
Byte by Byte, Arboretum Plaza II 9442, Capitol of, TX Hwy. N. St. 150, Austin, TX 78759, (512) 343-4357

Animation: Apprentice
Includes shading, highlights, scripting playback, record, object editor, and texture mapping. $299.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Effects
Flip, scroll, fade titles, or any IFF picture. Includes specular and diffuse reflection. Has full transformations. $49.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Flipper
Pack a series of IFF pictures so that they animate in real time. Batch entry for cycling. A Pencil-Test program. $59.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Quick2D
Animation: Quick2D elegantly and efficiently creates interesting 2-1/2-D animations. Think of 2-D animations as cardboard cutouts with pins holding them together at the joints. You can define the hierarchy of the cutouts so that is an arm moves, so does the hand. Each cutout can be on a different layer so that a character can pass between objects. Motion is Keyframed and interpolates between frames automatically. Quick2D supports multiple IFF resolutions, including overscan, PAL, and HAM. It saves animations in the popular ANIM opt 5 and Has formats, and has real-time wireframe preview. $79.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661. (206) 693-7443

Animation: Rotoscope
Animation paint program featuring two layers. $79.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

CANVAS
Canvas is a three-disk collection of 13 animation demos and 5 pictures that can be loaded into you favorite paint editor, such as DeluxePaint III. The animators were developed in the traditional style of animation, and can be found nowhere else except in CANVAS. 1MB of memory is suggested as most of these animations run at 15 fps and range from 60 to 120 frames long. $30.00
Silver Fox Software, P.O. Box 551413, Dallas, TX 75355-1413, (214) 349-1681

Elan Performer
Put all of your Amiga graphics in one place. Precise automatic sequencing or direct manual display from keyboard or mouse. Bring together imagery from your paint and animation programs into a single presentation. Powerful utilities let you cut animations into individual frames, splice any imagery into an animation, or convert animations between RIFF and ANIM formats. Control frame-by-frame, forward, and reverse playback of animations with mouse movements or arrow keys. Multitask with music and sound software. Supports IFF, HAM, RIFF, ANIM, and RGB formats. Works with DeluxePaint, DigiPaint, PhotonPaint, Videoscape 3D, Zoetrope, Turbo Silver, Sculpt, and INVISION, with a minimum 512K of RAM. Handles all Amiga resolutions. Available in PAL or NTSC video formats. $59.00
Elan Design, P.O. Box 31725, San Francisco, CA 94131, (415) 359-7212

Fantavision
Easy-to-use animation for beginners and advanced users. Features object-oriented drawing tools, digitized sound effects, tweening, and transformation. Fantavision can generate 64 intermediate animation images for every frame drawn, resulting in amazing magic motion and special effects. $59.95
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Imagine
Imagine is the next generation in rendering animation systems for the Amiga computer system. It is now possible to perform functions on the Amiga that have been left to much larger computer platforms. In many areas Imagine is capable of functions that are not available on these larger platforms. With the use of 24-bit rendering techniques, Amiga owners can now compete in the world of professional animations at a much lower cost than has been available to date. $350.00
Impulse, Inc., 6870 Shingle Creek Parkway #112, Minneapolis, MN 55430, (612) 566-0221

LightBox–The Drawing Tool for Animators
Allows the animator to draw in the traditional manner with increased productivity. Instant feedback via flip function. Developed by traditional cell animators, LightBox software allows you to create and draw animation, letting your Amiga do the work of sorting, and remembering your in betweens while you are free to enjoy the process of drawing. It automatically sorts and displays the previous and following drawings for reference and provides instant feedback via the flip function. $189.00
R & D L Productions, 11-24 46th Avenue, 2A, Long Island City, NY 11101, (718) 392-4090

Lights, Camera, Action!
Combines IFF pictures, ANIM-style animation, Aegis Sonix scores, and IFF sampled sounds into complete presentation. For businesses, trade shows, educational presentations, product demos, in-store advertising, and more. Supports the Aegis/Sparta ANIM format: allows IFF sampled sounds and instruments and Sonix-style SMUS scores to be included in presentations. Creates scripts in each Amiga resolution; supports overscan, HAM, scene transitions, and special effects. $79.95
OXXI, Inc., 1339 East 28th Street, Long Beach, CA 90806, (213) 427-1227

MovieSetter
Novice animation program lets you create action cartoon sequences with full stereo sound, in minutes. Easy to use interface allows you to rapidly produce complex animation sequences several minutes long with only 1MB of memory. Use built-in, professionally drawn movie clip files or make your own 32 color images from within the program. Imports IFF graphics, generates sounds, and attaches stereo sounds to characters. Special features include color cycling, 60 frame/sec. playback, and linear and optical guides to help you create special animation effects. Full overscan lets you save features to your home library. Requires 1 MB and only 1 drive. $99.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga Ontario, Canada L4W 5A1, (416) 602-4000

PageFlipper
Desktop video/animation will script any IFF images, including HAM and overscan, with a simple interface. $49.95
Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

PageFlipper Plus F/X, Version 2.0
Full-screen IFF image and special effects program. All resolution levels; all modes. Tutorials help you tailor your animations for maximum speed (in low-res 40-60 frames/sec., hi-res 20-30 frames/sec.). Well-designed interface, interactive script editor, context sensitive help facility, virtually unlimited full-screen, ANIM support, player program. Loops-within-loops, animations upside-

down or left to right, and global or frame-by-frame foregrounds. Color cycling, palette changes, and more. PageFlipper Plus F/X 2.0 will also come with PageSync, a recently announced peripheral software utility from Mindware that lets anyone synchronize Amiga graphics with external MIDI devices, such as synthesizers, drum machines, or other computers running MIDI sequencing software. $299.00
Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

Photon Video Cel Animator
Animates and plays back in any sequence. Allows color and sound synchronization. Continuous play option replays screens in continuous loop. Sound synchronization, color. Fully compatible with most art, animation, and rendering software. $69.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Plato's Revenge
Twisting and compressing ANIMbrushes based upon the Platonic Solids. Useful in developing interesting animations, segues between scenes, and in discovering the intricacies of 3-D movement. An excellent choice for education use. (3 disks of ANIMbrushes and free animation disk). $39.95
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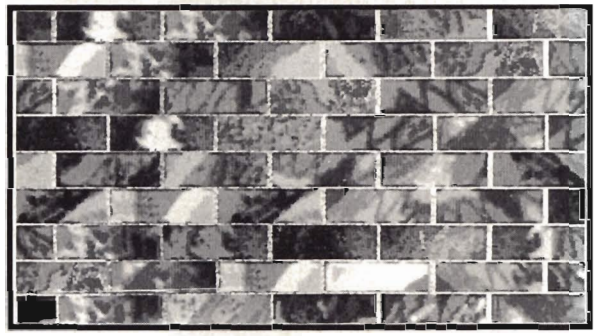
The Animation Studio
The Animation Studio is the only full-featured animation and paint program to utilize state-of-the-art cel animation techniques characteristic of Disney-style animation. Features exclusive "onion skin" technology for viewing multiple cels simultaneously, plus full paint functions, Disney animation tutorials, and a library of Disney character and background art. $179.95
Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 567-5360

The Director Version 2
Animation/presentation language compatible with IFF pictures, sounds, and ANIM files. Performs dissolves, wipes, page flipping, and more. Provides full interactive presentations capabilities. $129.95
Right Answers Group, The, P.O. Box 3699, Torrance, CA 90510, (213) 325-1311

The Talking Animator
Easy to use page flipper. Lets each frame have its own palette of colors from 4096. Incorporates talking text into any page of graphics to give you the ultimate doodle pad to create stories or cartoons. All documentation on-line, just press the HELP key. Ghosting feature lets you see images from previous pages for graphics placement and smooth animation. The output works well with genlocks. Runs with 512K, but 1MB recommended. Shipped with data disk full of animations and details for submitting your creations to the The Talking Animator. $49.95
JMH Software, 7200 Hemlock Lane, Maple Grove, MN 55369, (612) 424-5464

TV GRAPHICS AND TV GRAPHICS 2 CLIP ART



Bring professional quality background art to your Amiga screen with the TV Graphics series of clip art disks from Slide City. Each 2-disk set of video background screens are rendered in interlace overscan for video. Backgrounds include marble, brick, fiber, wood, stars, carpet, and many more. Screens compatable with the IFF format. Great for use with the multimedia programs, video tilting software, slide backgrounds, and video backdrops.

$49.95

SLIDE CITY • (904)985-1103
6474 Highway 11 DeLeon Springs, FL 32130

Circle 153 on Reader Service card.

Tomorrow Ships
Rocketplanes and satellites to populate your Amiga galaxy. All of the ANIMbrushes are created in hi-res 8- and 16-color, and require 1MB of RAM to use effectively. (2 disks of ANIMbrushes and a bonus animation disk). $39.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Zoetrope
System for your Amiga with the functionality and features found only on high-end graphic systems. Create 2-D animated fantasies, animate 3-D images. Contains all the standard paint tools: brush, box, rubber, line fill, etc. Works with Live!, Aegis Animator, Videoscape 3D, and Aegis Titler IFF Images. $139.95
Antic Publishing, 544 Second St., San Francisco, CA 94107, (415) 957-0886

• ANIMATION & UTILITIES •

Amiga-SF
Already a hit with hundreds of Amiga artists and animators, these are the first in a series of over 25 volumes of ANIMbrushes for Amiga science-fiction fans and movie-makers. Each of the disks contains startling hi-res 8- and 16-color SF elements. The first 3 sets focus upon rockets and other 3-D craft. Future volumes will contain all of the other elements needed to create a full Amiga produced animated 3-D feature video. Volumes 1A, 1B, 1C: Two disks of ANIMbrush 3-D spacecraft plus an extra are disk of a completed animation. Volumes 2A, 2B, 2C: Two disks of ANIMbrush 3-D spacecraft plus an extraterrestrial planets and cosmic scenes (HAM) to genlock with your animations. Volumes 3A, 3B, 3C: Two disks of ANIMbrush 3-D spacecraft plus an extraterrestrial planets and cosmic scenes (HAM) to genlock with your animations. (2-disk set). $69.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

GRAPHIC ARTS

ART DISKS
Each of these ten disks sell for $7.00 each and represents some of the work accomplished by one of the Amiga's most published and prolific artists. The first two were created to demonstrate the PROPS/Scene Generator interface, and the balance cover many subject areas and methods of electronic painting. The entire 10-piece set may be purchased for $69.95.
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Aegis Animagic
Animagic lets you perform amazing special effects with both IFF picture files and ANIM-style animations. Create spectacular DVE effects with your favorite pictures or ANIM's from VideoScape 3D, VideoTitler, or Deluxe Paint. You can even design your own unique effects. Using the powerful ANIM editor, the resulting ANIM files can then be edited, enhanced, or spliced together for longer movies. Includes sample animations and pictures and a special math coprocessor version of the program for Amigas equipped with 68020 and 68881 processors. $139.95
Oxxi/Aegis Development , 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

AniMotions
AniMotions will animate any human like object created with Sculpt Animate 4D to execute a variety of common human movements. Create your own humanoids or use of the included mannequins. Alter the movements as you wish and change to perform sequences of actions. The mannequins can also be manipulated into any posture and painted over in the paint program. Sculpt Animate 4D version $49.95; Turbo Silver version (operates only with enclosed mannequins). $34.95
T. Macri Designs, 4896 Parkinson St., Pierrefonds, Quebec, Canada H8Y 2Z4, (514) 638-7350

Animation Station
Storyboard animation editor for editing and manipulating standard, Op-Code 5 Amiga animations. Thousands of special effects. Combine multiple animations into one, or place one animation on top, behind, at the beginning, or end of another. $99.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Animation: Editor
Animation resolution and format conversion, plus editing. $59.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Libraries
Library of objects for use with Animation: Apprentice. Including dragons, knights, people, Christmas, and dinosaurs. $24.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Multiplane
Multilayering and special effects for animations. $89.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661. (206) 693-7443

Animation: Soundtrack
Soundtrack synchronization and editing for ANIM-compatible animations. $119.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

Animation: Stand
Performs functions similar to a real camera animation stand. Includes distortion and zooming. A must for the serious animator. $49.95
Hash Enterprises, 2800 E. Evergreen Blvd., Vancouver, WA 98661, (206) 693-7443

CellPro
CellPro generates images in up to 16 colors using the standard Amiga 320 x 200 graphics modes. CellPro also includes the MegageM AutoSave feature to rapidly compile image sequences for conversion to animations in Amiga standard IFF format, and are fully compatible with Amiga graphics and paint programs like DPaint, GraphiCraft, AegisImages, and others. $89.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
please see display ad page 19

CineLink
CineLink can control high-quality digital slide film recorders directory from any Amiga equipped with an A2091 disk controller. Film recorders supported include Lasergraphics, LFR/LFR+, and Presentation Technologies montage at up to 4000 lines of resolution; instant film and 35mm Cinebacks available. $299.95
Active Circuits, Inc., 1985 Highway 34 A-4, Wall, NJ 07719, (201) 974-1616

Digimate 3
This animation facility allows one to open, append to, and play ANIM format animations interactively. Since these animations can be stored and played from RAM, hard drive, or even floppy, the animation size is limited only by the storage capacity of one's hard drive. Digimate 3 also includes powerful ANIM processing capability, allowing the videographer to convert entire animations with the click of the mouse. Digimate 3 opens up an entirely new world of creativity to graphics users seeking to take advantage of the photorealistic qualities of HAM imagery. $39.95
Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

Fractal Movie 1
Multi-frame fractal animations made with HAMandel and AutoMag (FractalPro) in 256-color HAM graphics mode. Animation clip art for use with ANIM generator and editing programs. Includes self-running display program. $10.00 each or all 3 for $25.00 + $2.00 s & h.
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
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Fractal Movie 2
Multi-frame fractal animations made with HAMandel and AutoMag (FractalPro) in 256-color HAM graphics mode. Animation clip art for use with ANIM generator and editing programs. Includes self-running display program. $10.00 each or all 3 for $25.00 + $2.00 s & h.
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
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Fractal Movie 3
Multi-frame fractal animations made with HAMandel and AutoMag (FractalPro) in 256-color HAM graphics mode. Animation clip art for use with ANIM generator and editing programs. Includes self-running display program. $10.00 each or all 3 for $25.00 + $2.00 s & h.
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
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FractalPro
Two-disk set includes AutoMag 3.0 to generate beautiful, smooth animation sequences of the Mandelbrot Set, Julia Sets, and related cube sets in 256 colors using Amiga's HAM graphics mode. Provides six directions of panning and zooming motion. Also includes HAMandel 3.0 for still picture exploration of the same fractals in 256-color HAM graphics. Zoom in up to 10 trillion magnification, 68020 support. Compatible with other HAM graphics programs. $89.95 + $2.00 s & h.
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
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ImageFinder
ImageFinder is a graphics indexing utility program. One or more index files are created by scanning disk volumes or directories looking for ILBM or ANIM image files. Miniatures of these images stored in the index file can be browsed directly or after being sorted. The drawer and file name of a selected image can be automatically entered into the file requester of an application. $65.00
Zardoz Software, 6114 La Salle Avenue Suite 304, Oakland, CA 94116, (415) 339-6280

ImageLink 2.0
ImageLink is an advanced conversion and imaging system for the Amiga. It will convert image files between a variety of image formats including Macintosh, IBM, Targa, ATVista, and numerous others. Additional modules are available for other formats and imaging hardware. $199.95
Active Circuits, Inc., 1985 Highway 34 A-4, Wall, NJ 07719, (201) 974-1616

Introducing GTCO *Sketch*Master™ graphics tablets for Amigas®

*Sketch*Masters combine the simplicity of a mouse with the power of a graphics tablet for accurate design, tracing and pointing.

The tablet is easy to install, works with all mouse-driven software and is compatible with all Amiga and IBM® PC's. We're confident you won't find a better value in a tablet for your Amiga.

- **Pen-shaped stylus.** Graphic artists appreciate *Sketch*Master's thin, lightweight stylus that does not require pressure to operate.
- **Four button cursor.** The only Amiga tablet that includes a cursor and stylus for one low price.
- **No power supply required.** *Sketch*Master plugs into your serial port so it's easy to install and eliminates cable tangles.
- **Highly accurate. Very reliable.** *Sketch*Masters have 1000 dots per inch and no active components.
- **Interchangeable with Amigas and IBMs.** You can configure *Sketch*Master quickly to perform equally well on either platform.
- **Five year limited warranty.**
- **12"x12" Size**:$449; **12"x18" Size**: $699

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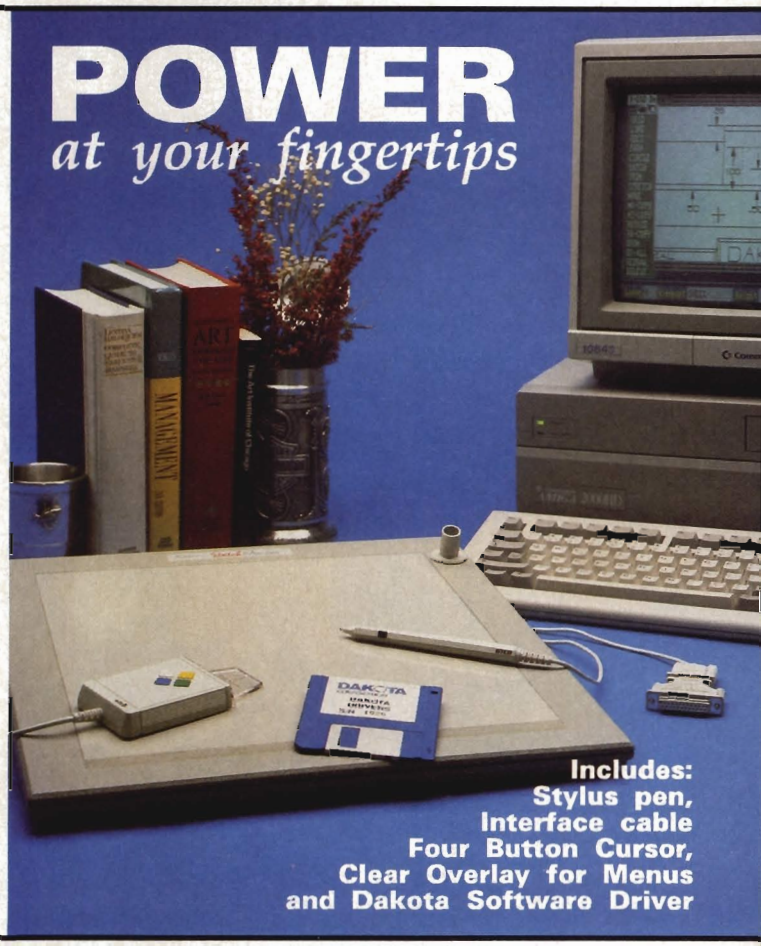

Circle 135 on Reader Service card.

KARA FONTS–AnimFonts 1
ChromeSCRIPT is an 8-color, formal script in caps & lower case and comes in both a Keyboarded and an AnimFont. Each letter appears to be handwritten across the screen. Additional palettes included along with utility programs to use ColorFonts. $49.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS–AnimFonts 2
Bullion is a dimensional, beveled, highlighted uppercase Gothic 8-color font and comes in both a Keyboarded and AnimFont. The AnimFont rotates onto the screen 90 degrees on the 4 axis to the left while a glint of light travels across the face. Also includes additional palettes and utility programs to use ColorFonts. $49.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS–AnimFonts 3
Capsule is a hi-res ink-color metallic rounded Gothic uppercase contemporary "which sparkles on" from the middle revealing characters to the top & bottom. Then, a sparkles goes across each letter from the left to the right. A separate sparkle for custom effects is included. Comes in both keyboard and ANIMform with palettes of chrome, gold, metallic, and silver. One disk. $49.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS–STARFIELD
Animated hi-res STARFIELD backgrounds in 3 views: front, diagonal, and side. Each comes in a two-color version fast loading to dump to video and 16-color palette to include two different KARA FONTS or one KARA FONT and on included animated object such as an Earth, moon, or an asteroid. Compatible with DPaint 3 and other programs that use the ANIM format. Two disks. $59.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

Mars I
A source code tool kit that allows programmers to create custom real-time animated graphics that derive their energy for change from audio—if the MindLight 7 audio processor is used—or from mouse movements. Source code is provided that reads the sound data produced by the MindLight and the data supplied by the mouse. Example graphic routines are provided to get started. $37.00
Visual Aural Animation, P.O. Box 4898, Arcata, CA 95521, (707) 822-4800

Media Line
All backgrounds are made with standard VideoScape 32-color palette. Works well with other animation packages. The 30 backgrounds are situated in four drawers: Scenic, Textbacks, Structures, and High Tech. Backgrounds are in interlaced lo-res to get maximum resolution and in overscan to eliminate borders when transferring to videotape or film. $39.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

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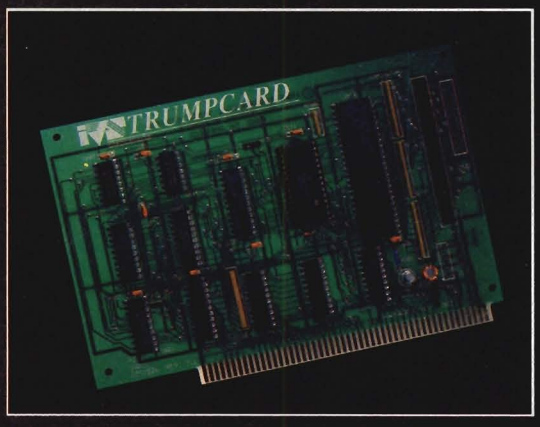


TRUMPCARD

Long on Performance, Short on Cost. Any way you look at it, Trumpcard is the best value in Amiga hard disk controllers. Transfer rates with a 19ms drive range from 440Kbytes/sec. with a standard 68000 up to 800Kbytes/sec. with a 68030 accelerator. Available stand-alone or as a hard card, Trumpcard supports over 25 different hard drives ranging from 30Mbytes to over 100Mbytes. TCUTILS, the Trumpcard disk utilities, makes hard drive setup a breeze for the novice yet it is flexible enough to allow the most demanding user total control over all aspects of the system configuration. Only Trumpcard offers true Mac OS compatibility with IVS' optional Disk Manager Mac/Trumpcard utilities. Now you can mix Mac OS, MS-DOS and Amiga DOS all on the same hard drive! Naturally, all Trumpcards autoboot directly into the FFS and include complete support for removable media drives at no extra cost. Now that's value. But then, what would you expect...it's a Trumpcard. List Price: $199.95

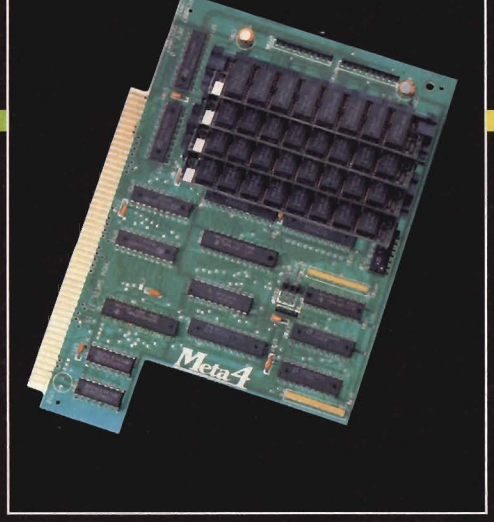
TRUMPCARD 500

Trumpcard 500 offers the A500 owner expansion products with an upgrade path to the 2000 and beyond. Inside the color matched, ergonomically designed aluminum chassis are two A2000 compatible slots for half length zorro expansion cards. The ultimate in packaging, Trumpcard 500 can house a Trumpcard SCSI disk controller, a Meta4 fast RAM board with up to 4Mbytes of 16 bit, 0 wait state RAM, and a 3.5" SCSI hard disk drive from 20Mbytes to over 100Mbytes. Your investment in A500 expansion hardware is protected when you buy IVS products. Both the Trumpcard and the Meta4 can be removed from their slots in the Trumpcard 500 chassis and inserted into the slots of an A2000. Totally flexible, Trumpcard 500 configurations range from diskless Trumpcard or Meta4 systems for the do-it-yourselfer up to fully loaded, plug and play systems with Trumpcard, Meta4, and disk drive ready for use. Standard configuration Trumpcard 500 includes 2 slot chassis, Trumpcard SCSI disk controller, TCUTILS hard disk formatting utility and hard drive mounting hardware. List Price: $299.95

INTERACTIVE VIDEO SYSTEMS

(714) 890-7040 • FAX (714) 898-0858 • 7245 Garden Grove Blvd. • Suite E • Garden Grove, CA 92641

Circle 140 on Reader Service card.

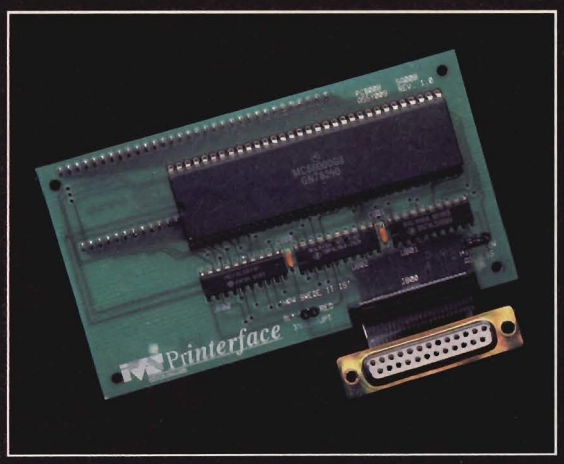


Meta4

Specially designed for A2000 hard disk card users and for Trumpcard 500 users, Meta4 provides up to 4 Mbytes of 16 bit, 0 wait state, low power fast RAM to the Amiga system. With IVS' exclusive 'smart refresh' a fully cycling 4Mbyte Meta4 draws less than 900 ma of current to assure cool, reliable operation. With its low profile sockets for state of the art SIMM memory modules, Meta4 offers the Trumpcard 500 owner high density memory packaging; up to 4 Mbytes on a half length card. A500 owners who wish to add memory to their system first may purchase Meta4/500, a Meta4 card mounted inside the Trumpcard 500 chassis. Naturally, the Trumpcard and hard drive may be added at any time to complete the expansion. The half length Meta4 card is perfect for A2000 owners with hard disk cards. Meta4's unique form factor allows the hard disk drive to 'wrap around' the memory card conserving valuable space inside the computer by eliminating a wasted slot due to drive overhang. Meta4 is available in increments of 0K, 512K, 1M, 2M, or 4Mbytes. List Price 0K: $199.95 Meta4/500 0K: $299.95

Infinit40

Infinit40 blends the speed and capacity of hard drives with the interchangable and portable convenience of floppy disks. Boasting a SyQuest drive mechanism with a 25ms access time, Infinit40 is as fast as any hard disk drive. With its 40 Mbyte removable data cartridges, Infinit40 provides unlimited storage capacity in 40 Mbyte increments. Plug compatible with the Mac, Infinit40 is the data storage medium of choice for those users working in both the Mac and Amiga DOS environments or for those users needing projectized mass storage capability. Infinit40/i provides a solution fully housed inside the A2000 enclosure. Infinit40/s provides an externally housed solution and includes a half height aluminum enclosure with integral fan and 110/220 power supply. Infinit40/i includes a Trumpcard, 1 removable media drive mechanism, 2 40Mbyte data cartridges, and all required cables. List Price: $1249.95



Printerface

Virtually all audio and video digitizers and scanners plug into the Amiga parallel port. Where do you plug the printer? Printerface adds a second parallel printer port to the computer. With Printerface you regain the parallel port lost when you plug a digitizer or scanner into your computer. With its multimode Installer's software Printerface is transparent to the user. Plug Printerface into the 68000 socket of your computer, run the Installer software and forget its there. Whenever you digitize, the system knows to get data from the digitizer plugged into the Amiga parallel port. Whenever you print, the system knows to send data to the printer plugged into Printerface. It's that simple. Or use Printerface's exclusive SoftSwitchBox to change printer ports 'on the fly'. In any case, Printerface works through Preferences to ensure total compatibility with all printers supported by the Amiga. Printerface is compatible with 68020 and 68030 accelerators. List Price: $99.95

MovieClips
Additional backgrounds, animations sequences, and sounds for MovieSetter. Can be used with any IFF program. $34.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga Ontario, Canada L4W 5A1, (416) 602-4000

Myra's World
Single HAM animation (fills disk, requires 1MB) of beautiful woman on whose fingertip appears a fractal world which rotates and vanishes. $10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
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OLO Animated Fonts 1 (Marmor)
Marmor is a hi-res, 8-color, marble-looking, massive, and impressive font in caps that comes both in keyboard and Anim Brush-format. Keyboard version supports most characters in German, French, Spanish, & "Scandinavian". Two sizes (120 & 140 pts.). Animated version covers letters A-Z in 120 pts. Each letter grows from out of dull stone. Then each is illuminated, letting the beautiful marble pattern appear. It has 49 frames per letter and comes standard in Ivory palette, with Red and Green marble palettes added. Two disks and user manual included. $39.95
ArtoVinjett, Byalvs v.65, S12174 Jhov, Sweden, 011-46-86497702

OLO Animated Fonts 2 (Glider)
Glider is a hi-res, 8-color, metal-looking, attractive, and shiny font in lower-case caps that comes both in keyboard and Anim Brush-format. Keyboard version supports most characters in German, French, Spanish, & "Scandinavian". Two sizes (108 & 128 pts.). Animated version covers letters A-Z in 108 pts. Each letter is exploded into position. The next sequence shows a beam of light traveling through the brim of each letter from left to right with sparkles further enhancing the impression. It has 42 frames per letter and comes standard in sober green/brown-palette with 6 other palettes added. Two disks and user manual included. $39.95
ArtoVinjett, Byalvs v.65, S12174 Jhov, Sweden, 011-46-86497702

OLO Animated Fonts 3 (Gold)
Gold is a hi-res, 8-color, gold looking, clear, and exclusive font in caps that comes both in keyboard and Anim Brush-format. Keyboard version supports most characters in German, French, Spanish, & Scandinavian. Two sizes (113 & 133 pts.). Animated version covers letters A-Z in 113 pts. Initially, each letter is blurred with a crude mosaic pattern. This pattern is rotated into position from the distance. The next sequence shows the crude pattern becoming increasingly redefined and the crisp definition of the letter appears. It has 40 frames per letter and comes standard in fancy gold palette with 9 other palettes added. Two disks and user manual included. $39.95
ArtoVinjett, Byalvs v.65, S12174 Jhov, Sweden, 011-46-86497702

PageSync Module for PageFlipper Plus F/X V. 2.0.
Allows external MIDI devices to drive animations in PageFlipper Plus F/X, and allows animations to drive MIDI devices. Also allows sound synchronization with Amiga sound. $99.95
Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

TGALink
Using TGALink and ImageLink, Amiga users can output 24-bit ray-traced graphics to truevision videographics boards for high-quality, full-color video output. Images may be recorded frame by frame to videotape to produce stunning results. Requires Amiga Bridgeboard. $299.95
Active Circuits, Inc., 1985 Highway 34 A-4, Wall, NJ 07719, (201) 974-1616

Toolkit for The Director
This disk is packed with features and enhancements to expand the capability of The Director. New wipe routines, a palette selector, a pie chart generator, and more. The new and enhanced BLIT Utility has a powerful interface to help create Wipe, Dissolve, and BLIT operations. It also automates the process of moving an object over a background, generating a complete working script. $39.95
Right Answers Group, The, P.O. Box 3699, Torrance, CA 90510, (213) 325-1311

WHOOSH!
Three separate sets are offered in the WHOOSH! series. These are multicolored ANIMbrushes in hi-res 8- and 16-color. All were designed with the Amiga artist and animator in mind, and all play quite well in the video environment. They also genlock well to the user's choice of backgrounds. $24.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

• ARTWORKS •

CANVAS
CANVAS is a three-disk collection of 13 animation demos and 5 pictures that can be loaded into you favorite animation editor, such as DeluxePaint III. The animators were developed in the traditional style of animation, and can be found nowhere else except in CANVAS. 1MB of memory is suggested as most of these animations run at 15 fps and range from 60 to 120 frames long. $30.00
Silver Fox Software, P.O. Box 551413, Dallas, TX 75355-1413, (214) 349-1681

Digital Art Gallery – Erotic Art: Funtime
Volume 1 of original art by award-winning artist Michael E. Brown. Six images per volume with presentation program included. You must be 18 years or older to order. $50 for 3-volume set. $19.95
Imaging That!, 2593 Seneca Tr., Box 956334, Duluth, GA 30136, (404) 446-9417

Digital Art Gallery – Erotic Art: Mind Puzzles
Volume 3 of original art by award-winning artist, Michael E. Brown. Six images per volume with presentation program included. You must be 18 years or older to order. $50 for 3-volume set. $19.95
Imaging That!, 2593 Seneca Tr., Box 956334, Duluth, GA 30136, (404) 446-9417

Digital Art Gallery – Erotic Art: Tessellation
Volume 2 of original art by award-winning artist, Michael E. Brown. Six images per volume with presentation program. You must be 18 years or older to order. $50 for 3-volume set. $19.95
Imaging That!, 2593 Seneca Tr., Box 956334, Duluth, GA 30136, (404) 446-9417

FracPac 1
Collection of fractal, chaos, and related demo and application programs collected from a variety of public domain sources and gathered for those interested in fractals and chaos experimentation and graphic art. $10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
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FracPak2
Second collection of vaious popular fractal programs gathered from a variety of public domain sources and collected for those interested in fractals. $10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
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HAMandel Amiga Photo Art
Photographic reproductions of the best HAMandel fractal art images on 8 x 10 super-gloss paper. Available also in sets of twelve 3 x 5 pictures (2 different sets available). Contact MegageM for details on ordering. Large prints available framed, as well. Contact company for details
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
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HAMandel Show 1
Automatic slideshow disks with the best images from HAMandel: Mandelbrot Sets, Julia Sets, and ray-traced texture mapped fractal art in 256-color HAM graphics mode. Great backgrounds or clip art for HAM paint programs. $10.00
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HAMandel Show 2
Automatic slideshow disks with the best images from HAMandel: Mandelbrot Sets, Julia Sets, and ray-traced texture mapped fractal art in 256-color HAM graphics mode. Great backgrounds or clip art for HAM paint programs. $10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
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Midnight Graphics
A collection of original, colorful IFF artwork, suitable for video poresentation, and personal use. Scheduled for January release; price TBA.
Computer Support, P.O. Box 463, Salem, OR 97308, (503) 743-4449

Pro-Quality Clip Art Multi-Screen Collection #2
IFF high-res format images. Symbols V2, Cartoons V2, Holidays V2, Sports V1, and Animals V1. 100% compatible with any IFF Paint, Desktop Publishing, or Desktop Video program. Five disk, 450+ screens, each containing 6-12 drawings. $99.95
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704)252-4933

Pro-Quality Clip Art Multi-Screen PreHistoric Animals
Twenty-four IFF high-res screens, each containing 6-12 prehistoric creatures. 100% compatible with any IFF paint, desktop publishing or desktop video program. $19.95
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704)252-4933

Pro-Quality Clip Art Multi-Screen Airplanes V1
Fifty-two IFF hi-res format screens, each containing 6-12 airplanes—from the early Fokker to the modern F14. 100% compatible with any IFF paint, desktop publishing, or desktop video program. $19.95
Hi! Tech News, 86 Lanvale Avenue, Asheville, NC 28806, (704) 252-4933

WolfPak 1
Collection of math and graphic demos by Daniel Wolf including PolyFrac, cellular automata programs, Hilbert Curve, Dragon Curve, and more. $10.00 + $2.00 s & h.
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
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• CAD •

Aegis Draw
Introductory drawing system. Create structured drawings; up to 256 layers of information. Pull-down menus, prompts, and multiple menu support allows you to work on different parts of one drawing or different drawings simultaneously. Also works with digitizer. $79.95
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FractalPro $89.95
The Premier Fractal Art & Animation System For All Amiga PCs
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Aegis Draw 2000
A powerful two-dimensional CAD system. Create structured drawings; up to 256 layers of information. Unlimited zoom levels, auto-dimensioning, and the ability to edit any line at any time are just a few of the features that make this program the solution to most CAD application needs. $279.95
Oxxi/Aegis Development , 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

DeckBuilders' CAD
Design and Estimating system for decks. Drawing features include rectangular- and polygon-shaped deck sections, lumber, deckrails, and trees and bushes. The program automatically creates material lists, costs and wire frame perspective views. $99.95
EaseWare, 11160F South Lakes Drive, Suite 305, Reston, VA 22091, (703) 709-9686

DynaCADD
DynaCADD is a 2-D and True 3-D computer-aided design and drafting software solution that will turn your computer into a sophisticated and powerful CADD workstation. With electrical, mechanical architectual, or civil applications, DynaCADD provides a total design and drafting solution. DynaCADD revises, designs, and details drawing in 2-D and true 3-D, reads and writes the industry's standard file formats. DynaCADD offers an alternative solution to expensive, difficult to use CADD systems and brings mainframe CADD capabilities to the CADD Professional at a fraction of the cost. DynaCADD combines an extensive collection of features, uncommonly fast display speed, and seamless performance. DynaCADD's attention to ease of use drastically reduces the learning period normally associated with CADD packages. DynaCADD supports OS Version 1.3/2.0, NTSC, PAL/SECAM, ECS Graphic Modes, and multitasking. DynaCADD package includes: 68020/68030 Versions, 10 AGFA Compugraphic Fonts and 4 additional CAD Fonts, Vector Font/Hatching Editor (14 predefined hatching patterns included), background plotting. $995.00
Ditek International, 2651 John St., Markham, Ontario, Canada L3R 2W5, (416) 479-1990

GRAPHIC ARTS

FLO, Floor Plan Construction Set
An aide to floor plan design. Industrial standard libraries of home and professional plus handicapped access office furnishings. Create and arrange rooms and areas, and print in several scales; metric or English grid. $79.95
Gramma Software, 17730 15th Avenue N.E. Suite 223, Seattle, WA 98155-3804, (206) 336-0424

HomeBuilders' CAD
3-D Design and Estimating System for the home and small commercial construction. Users of this product include contractors, home owners, movie set designers, medical office designers, pig farm designers, real estate brokers, architects, and cabinet makers. Features include Pan, Zoom, Rotate, Add Text, Copy, creates multi-story buildings; 20 acre drawing area; calculates material, plus labor and overhead cost estimates. $199.00
EaseWare, 11160F South Lakes Drive, Suite 305, Reston, VA 22091, (703) 709-9686

IntroCAD
User-friendly, object-oriented CAD program. Delivers laser-like output on dot matrix printers. $79.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

IntroCAD Plus
Like IntroCAD, but more powerful. Adds layers, hatching, ARexx support and more drawing tools. Also has user-definable keyboard equivalents. $149.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

LogicWorks 2.0
Combined schematic diagram and digital simulator. $150.00
Capilano Computer Systems, 1168 Hamilton St. Suite 501, Vancouver, B.C., Canada V6B 2S2, (604) 669-6343

PRO-BOARD
PCB (Printed Circuit Board) layout package. Many features available. $475.00
Prolific, Inc., 1808 W. Southgate Ave., Fullerton, CA 92633, (714) 447-8792

PRO-NET
Schematic capture package. Many features available. $475.00
Prolific, Inc., 1808 W. Southgate Ave., Fullerton, CA 92633, (714) 447-8792

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dissidents, 730 Dawes Ave., Utica, NY 13502, (315) 797-0343

UltraDesign
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• CAD PARTS •

CAD Parts
Listing of over 150 electronic parts used for designing circuits. Can be used with IntroCAD and Aegis Draw. $24.95
East/West Software, 73 Lorna Lane, Suffern, NY 10901

Floor Plan Library CAD/CAM
This library is a 2-disk set consisting of over 220 room parts and 32 bath & kitchen room modules for use with Aegis 2D CAD program, Aegis Modeler 3D, and Gold Disk Pro Page programs. $89.95
Madrigal Residential Designs, P.O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Framing & Foundation Library
A set of 45 drawings showing different foundation and framing conditions for wood construction. This 2-disk set also contains over 120 parts for use in the creation and modification of construction details, for use with Aegis 2D CAD format programs as well as Aegis 3D and Gold Disk Pro Page programs. $89.95
Madrigal Residential Designs, P.O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Interior Design CAD/CAM
A set of furniture parts for use with Aegis 2D CAD format programs. Contains over 275 different furniture pieces for use in interior design, concept development, and presentations. Designed to be used with or with out the Floor Plan Library. $89.95
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• CAD UTILITIES •

Gerber Driver
Complements the PCLO circuit board CAD program from SoftCircuits Inc. by converting the DMP plot files produced by PCLO into Gerber Scientific data files used by laser photoplotters. Plots generated by laser tend to make better production-quality circuit boards than those produced using standard pen plotters. Includes a program named View which allows either DMP or Gerber files to be magnified and inspected before the final plot is actually generated. $199.00
Visual Aural Animation, P.O. Box 4898, Arcata, CA 95521, (707) 822-4800

HomeBuilders' Choice
Custom Part Library and Building Parameter Editor for HomeBuilders' CAD. Users include HomeBuilders' CAD owners who want to create parts not available in HomeBuilders' CAD, and HomeBuilders' Choice. Also edits HomeBuilders' CAD building parameters such as wall stud centers and joist sizes. $81.00
EaseWare, 11160F South Lakes Drive, Suite 305, Reston, VA 22091, (703) 709-9686

HomeBuilders' Print
Produces blueprint-quality printouts from HomeBuilders' CAD drawings using high-density dot matrix printers, lasers or HPGL-compatible plotters. Will generate IFF and Aegis Draw Plus files. Also produces solid and cutaway views. $117.00
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PlotPrint
Transforms vector-oriented pen-plot data files created by CAD/scientific/spreadsheet programs into high-resolution bitmaps that allow any graphics printer to be used instead of an expensive pen plotter. Features include full HPGL interpreter that translates all HPGL commands. Compatible with all printers; works in all resolutions; any size printout; handles any drive configuration; Intuition; 50-page manual; interactive or batch modes. Prints B size drawings (11 x 17) directly with wide printer or in two panels with narrow printer. $50.00
Hi Tech Graphics, P.O. Box 446, Tallmadge, OH 44278, (216) 633-7966

PlotPrint Version 2
68020/68881 version of PlotPrint $100.00
Hi Tech Graphics, P.O. Box 446, Tallmadge, OH 44278, (216) 633-7966

The ACAD Translator 2.0
The ACAD Translator provides the Amiga user with a much-needed link with the professional CAD market. Translate sophisticated DXF files to Sculpt-Animate or TurboSilver format to produce stunning color image renderings and animations. Also use Amiga translation programs to convert this data into formats for use in Videoscape, or other 3-D rendering programs. The ACAD Translator is fully multitasking and is executable from Workbench or CLI and will convert all AutoCAD Rev. 10 and Rev. 9 and compatible files including all 3-D options. Supports PAL. $179.95
Access Technologies, Inc., P.O. Box 202197, Austin, TX 78720, (512) 343-9564

XFonts/FUTEX
XFonts are vector fonts designed for use with XCAD. FUTEX is an outline vector font that copies the proportions and style of the FUTURA MEDIUM typeface. FUTEX can be used in XCAD at any size, angle, line, and character spacing and can be italicized. In additon. FUTEX an be filled with color or bitmap patterns. Using XCAD utilities it can be imported into Professional Page or PageStream. Font includes uppercase, lowercase, numerals, and punctuation. $39.00
Grafx Computing, 6680 Wiltsie Road, Panama, NY 14767, (716) 782-2468

XPlanner
XPlanner is a menu extension for XShell for use by architects, interior designers, and facility managers. It consists of a specialized graphic menu for XCAD that is used for partition and wall layout, door insertion, plumbing fixture layout, reflected ceiling planning, and ceiling fixture placement. The disk includes libraries with residential plumbing fistures, doors, and ceiling fixtures. $49.00
Grafx Computing, 6680 Wiltsie Road, Panama, NY 14767, (716) 782-2468

XPorter
Xporter is a translation program written in a ARexx. Introduced in October 1989, it mey be first commercial ARexx product released. XPorter translates DXF Revision 10 AutoCAD finles to AegisDraw format. The resultant files can be imported to AegisDraw 2000, PageStream, or Professional Page. Also included one the disk is a program module to convert XCAD journal verification files (ASCII format) to DXF Revision 10 AutoCAD files. $69.00
Grafx Computing, 6680 Wiltsie Road, Panama, NY 14767, (716) 782-2468

XShell
XShell is not a program, but, as its name implies, a shell, which consists of two disks and a manual. One purpose of a software shell is to surround a target program and replace its user interface with another, more easily used, presentation. The target program of XShell is XCAD and Taurus/Impex XCAD. XShell replaces X CAD's laborious text menus with faster, easier to use graphic menus. XShell's friendly user interface access virtually all of XCAD's features through colorful icons. The simple and direct 130-page xShell manual replaces the difficult XCAD manual. The XShell disks also contain all the startup-sequence, Workbench, and AmigaDOS files necessary for booting and operating the Amiga. $199.00
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Vista allows real-world landscapes to be displayed and explored. While other programs allow wire frame construction of 2000 meter resolution USGS (US Geological Survey) data, Vista renders photorealistic perspective using much more detailed 30 meter USGS data. Yosemite, Crater Lake, Mt. St. Helens, and the cladera of Mons Olympus are the first of the "virtual reality" landscapes which can be explored by Vista owners. Vista requires 1MB, displays in HAM, and is AmigaDOS 2.0-compatible. A 2MB version supporting all Amiga screen resolutions with full overscan and animation capabilities, as well as Gouraud shading and 24-bitplane (16.7 million color) output.
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515
please see display ad page 24

• GRAPHICS DISPLAY CARD •

FIRECRACKER 24
The FIRECRACKER 24 takes up the normal Zoro slots in the A2000 or A3000; it does not take up the video slot. Certain types of genlocks that work in the Video slot of the Amiga may conflict with the use of the FIRECRACKER 24. Please consult your dealer or Impulse if you any question regarding internal genlocks. Due to the cost of buying all the different genlocks on the market today, Impulse can not guarantee operation with any genlock. We have tested the FIRECRACKER 24 with various models; for further information regarding genlock use please call Impulse and ask for tech support. FIRECRACKER 24: 1MB $1000.00, 2MB $1500.00.
Impulse, Inc., 6870 Shingle Creek Parkway #112, Minneapolis, MN 55430, (612) 566-0221

GRAPHIC ARTS

• PAINT •

ChromaPaint
Supports half-bright modes NTSC, PAL and any number of fonts. Use as many screens as memory allows. Features include: zoom, brush, color cycling, printing, clip board, and animation generation features. $49.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

DeluxePaint II
Paint program with over 90 features, including stencil, fill, 2-D and 3-D perspective, antialiasing, 32-color palette, and shadows. $69.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

DeluxePaint III with Animation
First in a new class of software that integrates paint with animation. Program actually paints animation by allowing users to AniPaint a series of screens the way they would paint a single screen. Also allows user to paint and create with multi-frame Animated Brushes to create animations like birds in flight. Integrates animation with its perspective capability in a feature called Move, which allows user to define a brush, the distance for it to travel, a rotation, and the number of frames for it to move across. Other features include extra-halfbrite support, wrap mode, tint mode, direct overscan, and much more. $149.00
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

DeluxePhotoLab
A new paint and print program that combines three powerful graphics tools in one package. Integrates the features of a paint program, color processor and poster maker, providing serious artists with colors, larger canvases, greater graphic flexibility, and palette manipulation utilities. A companion to DeluxePaint II, it gives users the power to create and manipulate photographic-quality images with 8 different levels of resolution, using any of the Amiga's graphics modes-including the 4,096-color HAM mode. Alter the images with 18 different painting modes such as Average, Blend, Add, and Subtract which provide subtle mixing of colors and images. $149.95
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Diamond
Paint program supports all color modes. All modes support picture sizes up to 1024 x 1024 pixels, including overscan in all modes. Supports IFF brush and picture formats as well as RGBN support for Silver. Includes full complement of brushes and effects. $79.95
Impulse, Inc., 6870 Shingle Creek Parkway #112, Minneapolis, MN 55430, (612) 566-0221

Digi-Paint
Fully utilizes the Amiga's graphic capabilities. Special features include shading, tinting, blending, and complete drawing tools. Closest thing to paint and brush on the market. $59.95
NewTek, 215 E. 8th St., Topeka, KS 66603, (913) 354-1146

Digi-Paint 3
So much more powerful than Digi-Paint, we skipped a number. New features include full Amiga font support with antialiasing of text, an extended set of drawing tools with resizeable built-in brushes, and user-controllable 3-D texture mapping. New display features include support for autoscrolling bitmaps up to 1024 by 1000 pixels, user-definable overscan, and changing screen resolutions on the fly. Digi-Paint 3 has been written in 100% Assembly code for the fastest time of any HAM paint program and also features a complete set of keyboard shortcuts for experienced users. Digi-Paint 3 now includes image-processing software available only to Digi-View owners, including the ability to transfer images between resolution modes and display up to 768 x 480 using NewTek's exclusive dithering algorithms for the highest color and picture resolution. $99.95
NewTek, 215 E. 8th St., Topeka, KS 66603, (913) 354-1146

Express Paint 3.0
Full-function paint program. Virtual pages, unlimited undo's, and 3-D perspective; rotating, distorting, stretching, and mirroring. Excels in text handling and printing; is the only paint program that provides text fill into and around irregular shaped objects. Control font styles, sizes, justification, margins, and line spacing to and from text. Supports PostScript, colored banners, and poster-sized output. Color cycling, 3-D antialiasing tools, gradient fills, and more. $139.95
OXXI, Inc., 1339 East 28th Street, Long Beach, CA 90806, (213) 427-1227

Graphicraft
This powerful yet easy-to-use graphics and design program lets you create anything your imagination can think of. Choose any 32 colors from Amiga's total of 4096 colors. $49.95
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HAMandel Version 3.0
Fractal art and exploration program using 256-color HAM graphics mode for the most beautiful Amiga Mandelbrot Sets, Julia Sets, and related cube fractal sets. Very convenient user interface control of colors, zooming, un-zoom, load/save (IFF standard), and color cycling. Built-in 68020 support. Zoom in up to 10 trillion magnification. Fast, efficient all Assembly language. Upgradeable to FractalPro. $49.95
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Living Color PaintBox
This is the next generation paint system for the Amiga. PaintBox is a virtual-color resolution paint system included with all of our paintbox products. A version of Living Color Paint Box is also available for the Amiga in all of its resolutions and drawing modes, including HAM. Available soon; included in price of Living Color Frame Buffer, which is not available separately (see Hardware:Video/Frame Buffers). Price T.B.A.
Digital Creations, 2865 Sunrise Boulevard, Suite 103, Rancho Cordova, CA 95742, (916) 344-4825

Photon Paint 2.0
New features include multiple swap pages that can be run by special animation function, alternative drawing sources: rub through, Pantograph, and brush-patterns; ColorFont support; Cycle Draw. New drawing modes include: and, Or, Xor, Add, Subtract, Maximum, Minimum, Use H, and Use H&S. New tools include air brush with definable spray area, fill polygon tool, and polygonal brush cutter. $149.00
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Spritz
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OXXI, Inc., 1339 East 28th Street, Long Beach, CA 90806, (213) 427-1227

The Graphics Studio
4,096-color paint program with zoom, pixel-by-pixel editing, flipping, rotating, and more. $49.95
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DigitalArts/257, 1033 Peachtree Street N.E., Atlanta, GA 30309

Art Parts Volume 1
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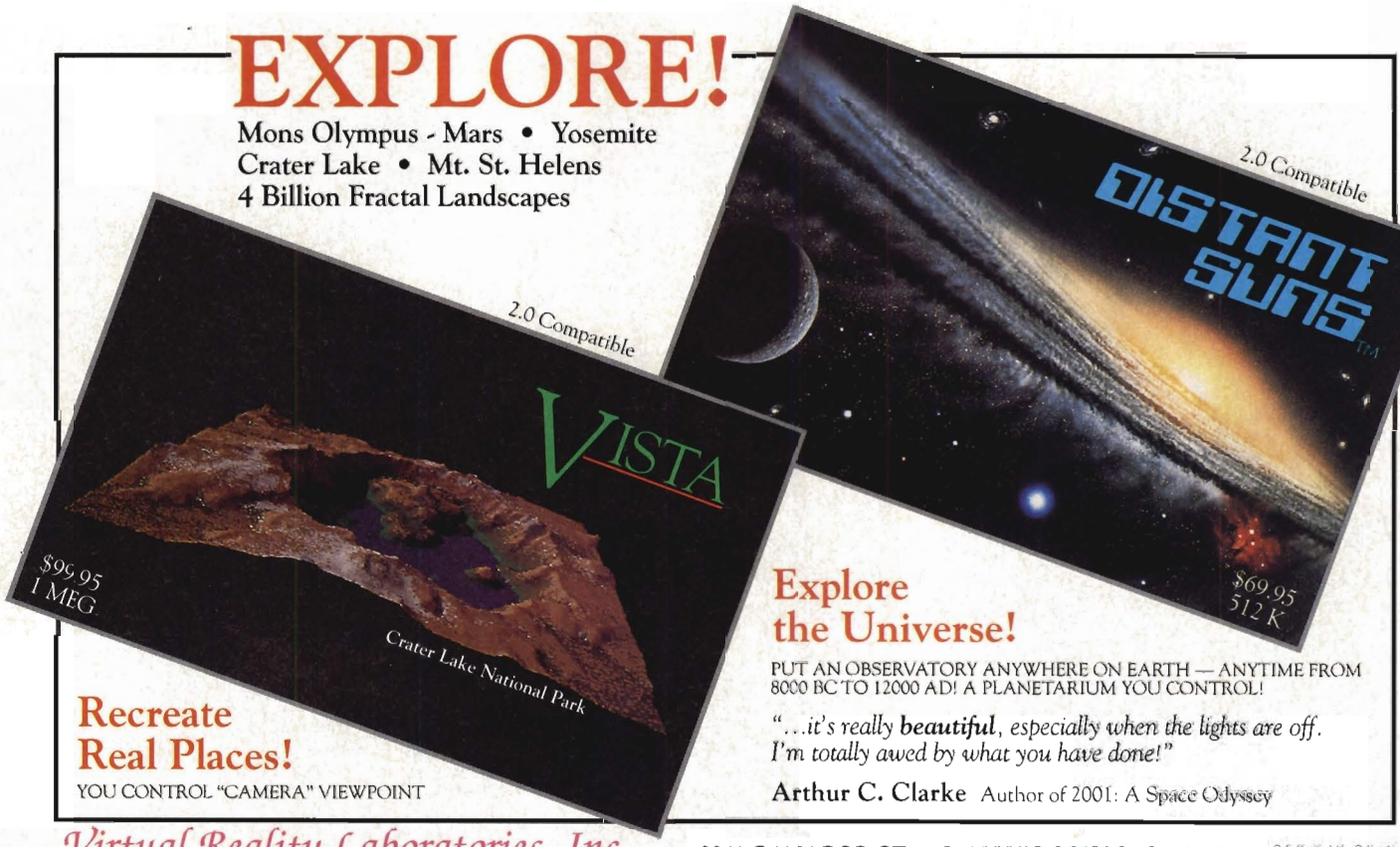

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Floor Plan Library
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Madrigal Residential Designs, P.O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Flowers
These sets are composed of digitized flowers and flower object paintings, and all are formatted to be importable with any program that can utilize Video-Res HAM brushes. The colors are blazing, and the clarity is sharp. FLOWERS #1 (2 disks priced at $24.95): About 2/3 fo these brushes are original digitized sill-video camera objects, while the remainder are carefully designed and unique HAM art brushes. Use them in any environment where flower art is desired. FLOWERS #2 (4 disks priced at $34.95): These flower brushes in Video-Res HAM cannot be surpassed anywhere on any system. They wrap around shapes in astounding clarity and brilliance, and offer thousands of possibilities for complementing Amiga visual artwork. They are all original digitizations of real-world natural forms, and are not merely flat surfaces digitized from magazines. $24.95
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

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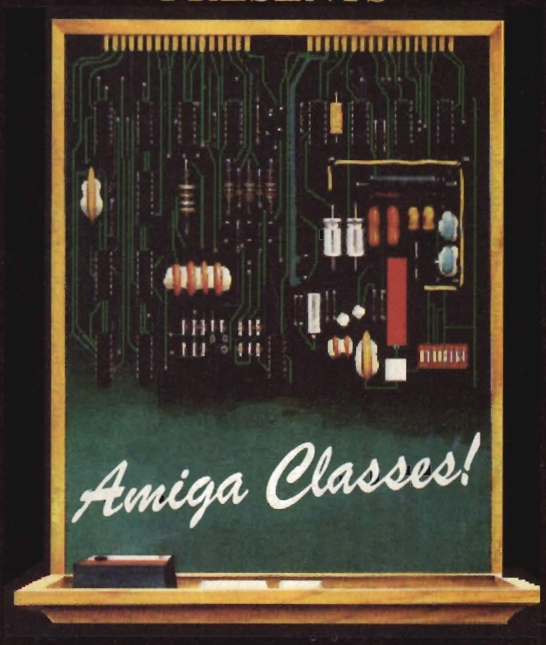

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Amiga Master Classes are designed to provide in-depth information on several professional topics of Amiga use. Each subject is offered in the morning in an introductory format and in the afternoon for more advanced users. We encourage you to attend both. Each 3 hour class costs $60.00 a person and is limited to 40 students.

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NOVICE CLASSES

Basic Amiga Concepts

NOVICE I is an total introduction for the Amiga user, covering the Amiga software and hardware configurations. Expanding your Amiga with memory, hard drives, printers, modems and other peripherals is discussed.

Understanding the CLI

NOVICE II gives the Command Line Interface (CLI) an in-depth look. Your Amiga is at its most flexible when you understand use of the CLI. A special look at the world of Amiga public domain software will also be included.

MASTER CLASSES

The Amiga Animation Station

ANIMATION I will cover the basics of animation in general and Amiga animation specifically. Different animation options will be discussed with an emphasis on two dimensional animation.
ANIMATION II is a continuation of Animation I and delves more specifically into artist's technique. Three dimensional animation is the primary topic for this course.
INSTRUCTOR:STEVE SEGAL

Working with Amiga Graphics

GRAPHICS I covers all aspects of the current state of the Amiga art of illustration. The advantages and disadvantages of different Amiga resolutions will also be covered.
GRAPHICS II will cover specific techniques on computer illustration. These topics include palettes, anti-aliasing, landscapes, and color-cycling.
INSTRUCTOR: BRADLEY SCHENCK

The Amiga as a Pro Video Tool

VIDEO I covers basic technical video concepts that concern Amiga users. Amiga graphic techniques for video and informal questions and answer sections form the basis for this class.
VIDEO II is a continuation of Video I. This class will take an effect-oriented approach, demonstrating the usage and combination of various Amiga programs.
INSTRUCTOR: ORAN J. SANDS III or GENE BRAWN

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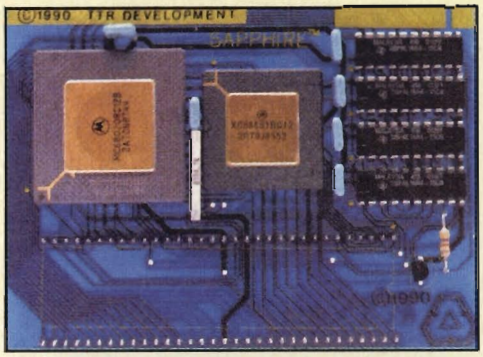

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Interactive clip art design system for use withpaint programs, contains four disks of scaled IFF screens of automobiles from the US, Europe, and Asia. This collection contains sedans, sports cars, coupes, wagons, hatch backs, pickup trucks, long houl trucks, and vans. All are shown in sideview and cross section displaying engines, transmissions, seats, driver passenger arrangements, and tires. Many of the screens contain front and rear views. The system is designed to give the user the power and flexibility to easily examine design options and maniupulate ready made auotmotive design components on screen, modifying existing automobile designs, or creating new ones. Also provided on disk is a general history of automobile design and individual specification sheets. $49.95
Madrigal Residential Designs, P.O. Box 2292, Santa Rosa, CA 95405, (707) 539-5675

Madrigal Automobile Construction Set, Sports Cars
Interactive clip art design system for use withpaint programs. This collection is compatible with other Madrigal Automobile Construction Sets. It contains IFF screen of sports cars from the US, Europe, and Asia made by Chevy, Honda, Jaguar, Lamboghini, Lotus, Mazda, Mercedes, Nissan, Porsche, and Triumph. All are shown in sideview and cross section displaying engines, transmissions, seats, driver passenger arrangements, and tires. Many of the screens contain front and rear views. The system is designed to give the user the power and flexibility to easily examine design options and maniupulate ready made auotmotive design components on screen, modifying existing automobile designs, or creating new ones. Also provided on disk is a general history of sports car design and individual specification sheets. $39.95
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Hilson Digital USA, for DigitalPub/257 & Digital Arts/257, 900 Mansell Road, #12, Roswell, GA 30076, (404) 998-7776

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Hilson Digital USA, for DigitalPub/257 & Digital Arts/257, 900 Mansell Road, #12, Roswell, GA 30076, (404) 998-7776

Oriental Desk Top Art Vol.1–Vol.4
Oriental Desk Top Art are clip art files which can be used in desktop publishing applications on the Amiga. The clip art files are black and white, high resolution (640 x 400) images, in IFF format. Oriental Desk Top consists of four volumes. Vol. 1 consists of 60 general oriental art work. Vol. 2 consists of 84 oriental martial art figures. Vol. 3 consists of 84 oriental folk art work. Vol.4 consists of 140 commonly used Chinese characters. $29.95 per volume + $3.00 s & h.
Software Integration Solutions, 11027 Twin Pond Terrace, San Diego, CA 92128, (619) 748-3350

PIC-MAGIC
A ten-disk set of over 250 images. Manual explains suggested use of images as well as the psychology behind many of them. Some images draw the eye to a particular spot on a page while others convey a certain mood. Images can be resized using DPaint III or a comparable program. PIC-MAGIC is an unlimited resource library for computer enthusiasts, desktop publishers, and animators. IFF format, most over 1000 by 1000 pixels. The full set now includes a bonus two disks for a total of 12! which include the entire 250+ images sized down for easier video use. Also available in Encapsulated PostScript format for Desktop Publishing. $99.95
Joe's First Company, 208 Glenayr Road, Toronto, Ontario, Canada M5P 3C3, (800) 387-8967

PROPS
The PROPS disks were created to help the registered owners of Brett Casebolt's Scene Generator software in the construction of complete natural graphic scenarios. In addition, many users have found that these disks of images can also help in a host of design projects for both DTP and videographic use. PROPS #1 (2 disks for $24.95): Animals, Trees, and Structures in Video-Res HAM. PROPS #2 (2 disks for $24.95): Animals, Habitats, and Vehicles in Video-Res HAM. PROPS #3-"DIGITOWN" (3 disks of New England rural houses photgraphed with a digital-still camera, and sold for $34.95): These images make it possible for the Amiga user to design many rural settings for DTP and video use, as well as for fun. PROPS34-"FULL-O-BIRDS" (3 disks of beautiful full-color HAM birds, priced at $34.95 for the set): These images were scanned from non-copyrighted sources at 200 dpi, and then resized to fit the Amiga screen.
EyefulTower Comm. / EarfulTower Prod., 15 Rockydale, Bristol, VT 05443, (802) 453-4293

Pro Fills
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Spheres2
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Calligrapher 1.05
Font editor includes ColorFonts and FontMover. Edit size, position, shape, color, pattern, style, kerning and spacing, italic slant,and more. Graphics editor includes brushes, free hand drawing, paint can, magnify, and more. FontMover copies, deletes, or previews fonts from another disk. Disk checking, font viewing in any resolution, and more. Upgrades to version 1.05 are $29.95. $129.95
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KARA FONTS–AnimFonts 1
ChromeScript is an 8-color, formal script in caps & lower case, and comes in both a Keyboarded and an AnimFont. Each letter appears to be handwritten across the screen. Additional palettes included along with utility programs to use ColorFonts. $49.95
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KARA FONTS–AnimFonts 2
Bullion is a dimensional, beveled, highlighted uppercase Gothic 8-color font, and comes in both a Keyboarded and AnimFont. The AnimFont rotates onto the screen 90 degrees on the 4 axis to the left while a glint of light travels across the face. Also includes additional palettes and utility programs to use ColorFonts. $49.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

KARA FONTS–AnimFonts 3
Capsule is a hi-res ink-color metallic rounded gothic uppercase contemporary "which sparkles on" from the middle revealing characters to the top & bottom. Then, a sparkles goes across each letter from the left to the right. A separate sparkle for custom effects is included, comes in both keyboard and ANIMform with palettes of chrome, gold, metallic, and silver. One disk. $49.95
Kara Computer Graphics, 2554 Lincoln Blvd. Suite 1010, Marina Del Rey, CA 90291, (213) 578-9177

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Three-disk set. Features 10 hi-res, dimensional, up to 8-color, and uppercase fonts in two sizes each (approx. 104 and 84 pts. high). Font styles in Chrome, Marble, Brick and Granite are dragable for added 3-D effects. Other styles are Chisel, Wood, Bevel, Cast, ChiselSerif, and Column. $79.95
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KARA FONTS–Headlines 2
Two-disk set offers 4 new 8-color fonts in 2-3 sizes each. ChiselScript: italic script in upper and lower case. Glass: transparent uppercase gothic face. Engraved: dragable, uppercase 2 plane shiny font. Embossed: raised or sunken letters on a surface. $69.95
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OLO Animated Fonts 1 (Marmor)
Marmor is a hi-res, 8-color, marble-looking, massive, and impressive font in caps that comes both in keyboard and Anim Brush-format. Keyboard version supports most characters in German, French, Spanish, & "Scandinavian". Two sizes (120 & 140 pts.). Animated version covers letters A-Z in 120 pts. Each letter grows from out of dull stone. Then it's illuminated letting the beautiful marble pattern appear. It has 49 frames per letter and comes standard in Ivory-palette with Red and Green marble palettes added. Two disks and user manual included. $39.95
ArtoVinjett, Byalvs v.65, S12174 Jhov, Sweden, 011-46-86497702

OLO Animated Fonts 2 (Glider)
Glider is a hi-res, 8-color, metal-looking, attractive and shiny font in lower-case caps that comes both in keyboard and Anim Brush-format. Keyboard version supports most characters in German, French, Spanish, & "Scandinavian". Two sizes (108 & 128 pts.). Animated version covers letters A-Z in 108 pts. Each letter is exploded into position. The next sequence shows a beam of light traveling through the brim of each letter from left to right with sparkles further enhancing the impression. It has 42 frames per letter and comes standard in sober green/brown-palette with 6 other palettes added. Two disks and user-manual included. $39.95
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OLO Animated Fonts 3 (Gold)
Gold is a hi-res, 8-color, gold looking, clear and exclusive font in caps that comes both in keyboard and Anim Brush-format. Keyboard version supports most characters in German, French, Spanish, & Scandinavian. Two sizes (113 & 133 pts.). Animated version covers letters A-Z in 113 pts. Initially each letter is blurred with a crude mosaic pattern. This pattern is rotated into position from the distance. The next sequence shows the crude pattern becoming increasingly redefined and the crisp definition of the letter appears. It has 40 frames per letter and comes standard in fancy gold-palette with 9 other palettes added. Two disks and user manual included. $39.95
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PROGRAFIX SOURCE, 3827 South 58th Court, Cicero, IL 60650-4212

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Adds microkerning, dithered fonts, large lower case letters to multicolor fonts, a Preview utility, and simpler directory format to versions 3.5 and lower of the Professional Font Library. Includes 5 diskettes and an expanded manual. Compatible with popular paint and video programs. Requires registration card and 1MB. $24.95
CLASSIC CONCEPTS Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

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Designed by professional commercial artist Marlin Green, these fonts are ideal for comps and quick presentations. Use in high resolution for demanding video titling and desktop. Includes 17 pre-colored pre-patterned ColorFonts plus 12 mono-color fonts, IFF brushes, and Calligrapher patterns. 46.25+ 3 S&H
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• PAINT TUTORIALS •

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On-line interactive tutorial runs with Calligrapher. $44.95
RGB Computer & Video, 3944 Florida Blvd. Ste. #4, Palm Beach Gardens, FL 33410, (407) 622-0138

DeluxeHelp for DeluxePaint
On-line interactive tutorial runs with DeluxePaint. $34.95
RGB Computer & Video, 3944 Florida Blvd. Ste. #4, Palm Beach Gardens, FL 33410, (407) 622-0138

DeluxeHelp for DeluxePaint II
On-line, interactive tutorial runs with DPaint II. Select from 54 lessons with real-time demonstrations and speech. $34.95
RGB Computer & Video, 3944 Florida Blvd. Ste. #4, Palm Beach Gardens, FL 33410, (407) 622-0138

DeluxeHelp for DeluxePaint III
A two-disk interactive tutorial packed with tips and demonstrations of the powerful and complex features of DeluxePaint III. Disk #1 explores the use of DPIII's painting tools, and various techniques used to produce quality static graphics. Disk #2 strikes out into the realm of animation. Learn a wide variety of techniques used by professional animators. DeluxeHelp for DeluxePaint III is a must have product for anyone wanting to master DeluxePaint III. $49.95
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DeluxeHelp for DigiPaint
On-line, interactive tutorial runs with DigiPaint. Select help lessons with real-time demonstrations and speech. $34.95
RGB Computer & Video, 3944 Florida Blvd. Ste. #4, Palm Beach Gardens, FL 33410, (407) 622-0138

DeluxeHelp for Photon Paint
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DeluxeHelp's Advanced Techniques-Textures & Backgrounds for Deluxe Paint III
Takes the user through the complete process of creating organic textures and backgrounds that are used in real world television, advertising, and business presentation graphics applications. Utilizes the same fool-proof techniques as the popular DeluxeHelp series of on-line, interactive tutorial programs. Wood, Marble, Granite, Gold, and Smoke are a few textures demonstrated. In each of the 29 lessons, create a complete texture or background that can be used as components of still images. $34.95
RGB Computer & Video, 3944 Florida Blvd. Ste. #4. Palm Beach Gardens, FL 33410. (407) 622-0138

Circle 118 on Reader Service card.

GRAPHIC ARTS

ImageFinder
ImageFinder is a graphics indexing utility program. One or more index files are created by scanning disk volumes or directories looking for ILBM or ANIM image files. Miniatures of these images stored in the index file can be browsed directly or after being sorted.The drawer and file name of a selected image can be automatically entered into the file requester of an application. $65.00
Zardoz Software, 6114 La Salle Avenue Suite 304, Oakland, CA 94116, (415) 339-6280

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Butcher
Graphics utility program. Includes edge detection, resolution changes, pixel counting, halftoning, bitplane slicing, sorting colors by pixel count or intensity, density slicing, and palette effects. Includes shape editor for defining mosaic patterns and textures. $37.00
Eagle Tree Software, P.O. Box 164, Hopewell, VA 23860, (804) 452-0623

Focus Video
Focus Video provides a complete range of image processing capabilities, such as color control, filters, convolutions, contrast enhancement, and histograms which improve and enhance your images, bring out details, analyze, or transform. Focus Video is a tool for electronic publishing; Industrial quality control, astronomy, art, video effects production, and more. Sand-alone features include: edge extraction, spatial image filtering, median filtering,logical and arithmetic inter-image operations, intensity histograms, pseudo-3D display, fast zoom, linear contrast enhancement, time stamping and user-definable text annotating, and on-screen distance measurement with calibration. The Focus Video can also read 400 line IFF images (16- or 32-color). With a LIVE! Continuous Video Framegrabber installed in your Amiga, Focus Video gives you instant image acquisition from any NTSC video source, complete with Sequence recording/animated replay.Time-lapse capture, Color and contrast adjustment, and Integration and averaging of successive frames. $159.00
A-Squared Distributions, Inc., 6114 LaSalle Ave., Oakland, CA 94611, (415) 339-0339*

GS-1000 Graphics Library
Library of over 90 graphics-oriented commands. Includes device independent 2-D graphics, multiple viewports and screens, zoom panning, color mixing, and many other commands and a full-featured paint program. Source code, $149.95 $49.95
Rittinghouse Software Development Company, RR 2, Box 62, Parker, SD 57053, (605) 342-6229

Ham It Up!
Ham It Up!, a new product from Delta Graphics, Inc., allows you to display and print all 4096 Amiga colors via sixteen 256-color charts. No HAM paint program is required. Requires 1 MB RAM. $39.95
Delta Graphics, 48 Dighton Street Suite 2, Brighton, MA 02135, (617) 254-1506
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Imprint
Software interface which works with the Amiga and the Polaroid Palette Film Recorder to produce film output of any IFF image. Prints 320 x 200, 320 x 400, 640 x 200, and 640 x 400 images with HAM capability. Snapshot RAM resident utility creates instant film image of on-screen display. $2,495.00 with Polaroid Palette system. $495.00
American Liquid Light, Inc., 2341 W. 205th St. Ste.116, Torrance, CA 90501, (213) 618-0274

PIXmate
Image Enhancement software system. Features space-age, image enhancement techniques developed for NASA. Performs over 3,000 special effects. $69.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Pro Fills
Professional-quality, full-color patterns, and textures for use in desktop presentations and video. Create complex backgrounds and surfaces instantly, adding a new dimension to your video titling and presentations. Pro Fills patterns and textures are IFF brush format and compatible with all IFF paint and titling programs that allow custom brushes in fill tools or tiling functions. High resolution and interlace resolution versions of the patterns are included. Also includes a large assortment of color palettes complete with color ranges defined for dropped shadows and highlights. The patterns and textures may be combined together to make thousands of variations and are compatible with multicolor fonts. $29.95
JEK Graphics , 12103 S. Brookhurst Ste. E-125, Garden Grove, CA 92642-3065, (714) 530-7603

Scene Generator
Create realistic, natural-looking scenery on your Amiga with Scene Generator. Easy-to-use menu interface gives you instant access to all of Scene Generator's powerful capabilities. Create everything from a desert to a snow covered mountain peak. Allows control of lightning, snow and water levels, optional clouds, and colors. A preview mode will display a scene in 5 seconds. Makes great backgrounds for painting or animation. $49.95
Natural Graphics, P.O. Box 1963, Rocklin, CA 95677, (916) 624-1436

Secrets of an Artist
Secrets of an Artist is the work of a professional computer artist, C. William Henderson of Los Gatos, CA. On this disk he reveals many formulas and underlying concepts through 22 examples and 10 pages of text. $24.95
Seven Seas Software, P.O. Box 1451, Port Townsend, WA 98368, (206) 385-1956

THE COLOR KIT for Deluxe Paint
Legal color scales for film and video in hi-res =132 colors-in normal Interlace = 488 colors in halfbright Interlace = 720 colors - all at once on the screen and to be used. $29.95
Philadelphia Video Lab Inc., 338 Winding Way, Merion, PA 19066, (800) 333-0013 software

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Aplot Library is a member of Vol. 1 Graphic Tools in The Engineer's Toolbox
Lattice C-compatible library of graphics functions for the applications programmer. Supports Scientific/ Engineering/Business charts and graphs. Includes routines for linear/logarithmic, Pie/bar, and polar charts. From simple to complex. $49.95
Advanced Creations Incorporated, P.O. Box 31818, Dayton, OH 45431, (513) 427-5439

ConvertAplot is a member of Vol. 1 Graphic Tools in The Engineer's Toolbox
Printing/Plotting utility which compliments the Aplot library and Engineer's Toolbox applications. Additionally, can be used stand alone for printing/plotting capabilities with Aegis Draw and Professional Page, Etc. Support HP-GL, Postscript, PCL, Etc. $34.95
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GenAplot is a member of Vol. 1 Graphic Tools in The Engineer's Toolbox
High-level plotting tools for creating scientific, engineering, and business charts and graphs from user data. Pull down menu/requester interface. Wide variety of file formats, 16 colors in high resolution, multiple output devices, and standard graph formats. $79.95
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Digital Dynamics, 739 Navy Street, Santa Monica, CA 90405, (213) 396-9771

The Engineer's Toolbox-Volume 1, Graphic Tools
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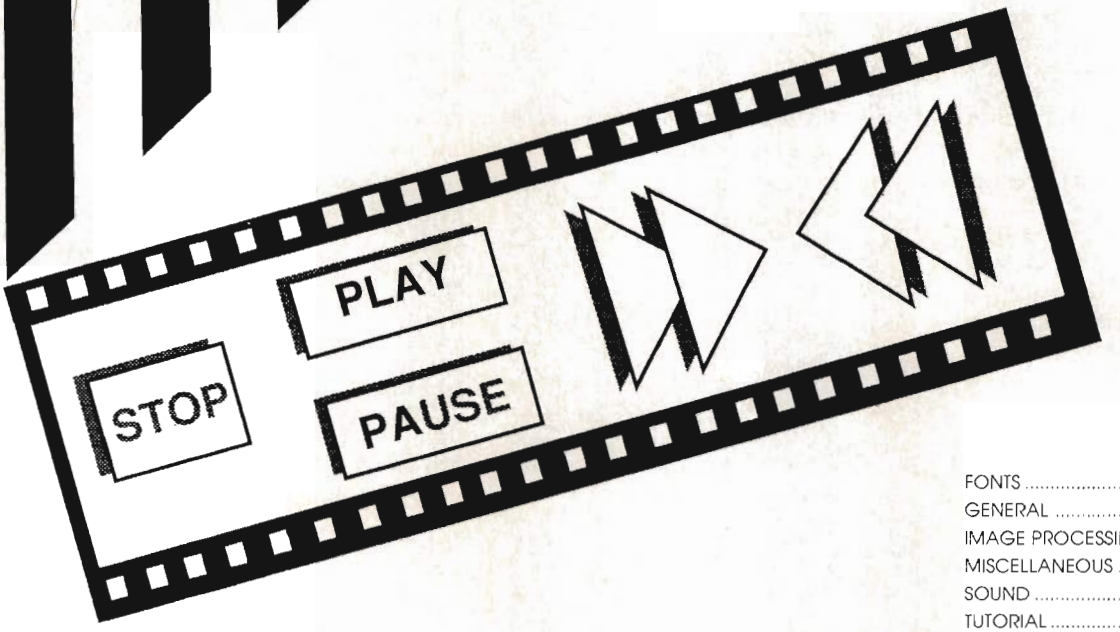

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• GENERAL •

Aegis VideoTitler 1.5 with Lights! Camera! Action!
Professional titling and special effects. Version 1.5, which now includes Lights! Camera! Action!, utilizes a wider range of fonts (including Polyfonts) and special effects such as: fade, dissolve, and zig-zag for highly professional titling effects, generally only available with top-of-the-line professional equipment. Create animations in all screen resolutions, including overscan. Also utilize color cycling, detailed time control, and manual or automatic frame advance. Lights! Camera! Action! turns your titling frames and animations into professional slide shows. $159.95
Oxxi/Aegis Development, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

Animation: Titler
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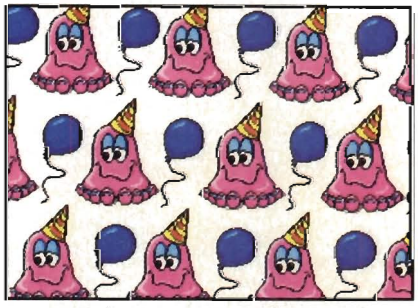

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Especially designed for Amiga genlock-encoder users, these animated sequences have special Color 0 capacities, allowing the non-Amiga signal to be framed in the animation. They are all in 32-color lo-res overscan, so that users wishing to edit the results will have to use a 'set lace' function in their video software. These are the first in a series of offerings in the GENamations series, and include a dozen useful genlockable animations for seguing scenes and video experimentation. 2 disks. $49.95
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Video integration tool that works with the Live! digitizer and any video source to process video effects in real time. Uses the keyboard and mouse to control effects such as colorization, strobes, and mirroring. Can display images created with other software along with the LIVE! video. $129.00
Elan Design, P. O. Box 31725, San Francisco, CA 94131, (415) 359-7212

Invision Plus
Works with the LIVE! Frame Grabber from A-Squared Distributions and a VCR or video camera to make professional video effects possible at the press of a key. New features include ANIM format compatibility, automatic rate effects control, graphics still store and display, and more. $299.00
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JMH Easy Titler 2.0
Version 2.0 accepts additional fonts, uses overscan with all resolutions of IFF screens for backgrounds, and has 54 transitions to take you from screen to screen. This titling package/character generator, that will auto boot and is ideal for unattended use, will also allow single stepping through your slideshow to make it the ideal tool for your live presentations. The script for the JMH Easy Titler permits up to 75 screens. $49.95
JMH Software, 7200 Hemlock Lane, Maple Grove, MN 55369, (612) 424-5464

Masterpiece 3D Fonts in Interfont Format
49 fonts in Interfont Format. Using Interfont, you can quickly create text objects for 3-D programs. Converts to Videoscape, Sculpt, Aegis Draw Plus, Turbo Silver, or Pro Draw.
ARock Computer Software , P.O. Box 731, Springfield, MO 65801, (417) 866-8803
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Media Base
Presentation software gives interactive access to audio visual presentations from video tape, compact or laser disc, and computer disk. Requires the MediaPhile Infrared Controller. $149.00
Mediaphile Center, 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

Pro Fills
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Pro Video CGI
672 x 440 resolution character generator software. 8 colors/page, 100 pp. in memory, and 17 real-time transitions. $199.95
PVS Publishing/Shereff Systems, 15075 SW Koll Parkway Suite G, Beaverton, OR 97006, (503) 626-2022

Pro Video Gold
NTSC version runs only in the Amiga high-resolution graphic mode with expanded screen size of 720 horizontal pixels by 480 scan lines. Easily creates 100 pages of video titles with its fast screen editor. Up to 2600 pages internally with additional RAM memory. Four styles of high-quality video fonts, each in four sizes. Additional font libraries are available in sets of 4 styles. Each font meticulously bit-mapped for maximum resolution. Text and graphic backgrounds are easily added to your titles. Import high resolution IFF paint or digitized pictures. Pro Video Gold requires an Amiga with Kickstart 1.2 or greater with at least 1/2 meg of chip memory and 1/2 meg of fast RAM. Demo disk available. $249.95
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Pro Video Plus
PAL version character-generating software. High resolution video with expanded screen size of 672 horizontal pixels by 500 scan lines. Creates 100-2600 internal pages, 16 internal fonts (English or German/Swedish), font libraries, font effects, screen backgrounds, and transition effects. Requires an Amiga with Kickstart 1.2 and 1 meg of memory with at least 410K of chip & 400K of fast RAM after boot. Each IFF picture requires up to an additional 150K of fast RAM. Each additional 100 pages of titles requires 120K. Second 3.5-inch disk drive recommended, compatible with hard drive. Demo disk available. $299.95
JDK Images/Shereff Systems, 15075 SW Koll Pkwy Ste G, Beaverton, OR 97006, (503)626-2022

Pro Video Post: NTSC
Gives the video producer 'full screen' manipulation tools. Such tools offered in typical paint programs usually only allow rush manipulation of limited size and resolution. Using Post's unique keyboard user interface, full high-resolution overscan screens are quickly reduced, enlarged, slanted, tilted, rotated, repositioned, reversed, mirrored, combined, color remapped, or reduced and repeated (video walled). Screen resolution of 720 x 480. Character generation software. Digital video effects, picture manipulations, genlock control from keyboard (Magni, Supergen, &

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Pro Video Post: PAL
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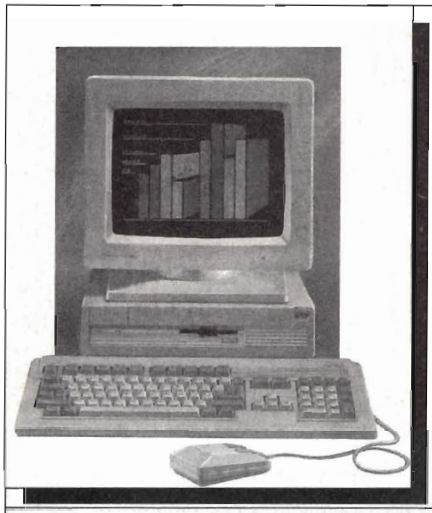

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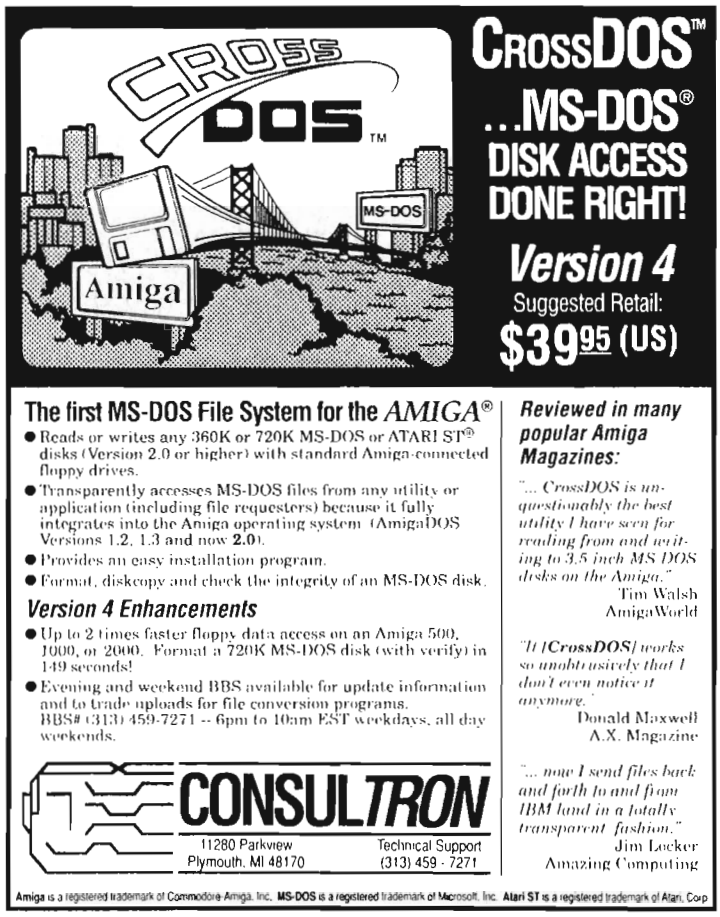

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PCX Module
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Broadcast Backgrounds
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Business Presentation Graphics Library
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Desktop Video Graphics Library
A 10-disk set of Amiga graphics specially designed and produced for video applications. Colors are optimized to avoid chroma crawl, flicker, and Color zero is never used unless it is designed into the image for use with genlocks. The set includes professional-style backgrounds for titling, digitized images, art brushes, and drawings. It has the load-and-use animations and anim brushes compatible with DeluxePaint III or The Director that let you add your own titling and have instant animated screens for desktop video. Included are wipe screens made for use with a genlock. These screens give interesting wipes like puzzle, crack-up, etc., when genlocked over live or taped video. All are in interlace or hi-res, and are overscanned where applicable. Topics include parties, kids, sports, holidays, vacations, birthdays, weddings, Christmas, and much more. Price unavailable.
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Future Touch PresenTime
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Future Touch, 192 Laurel Rd., E. Northport, NY 11731, (516) 757-7334

ImageFinder
Graphics indexing utility program. One or more index files are created by scanning disk volumes or directories looking for ILBM or ANIM image files. Miniatures of these images stored in the index file can be browsed directly or after being sorted. The drawer and file name of a selected image can be automatically entered into the file requester of an application. $65.00
Zardoz Software, 6114 La Salle Avenue Suite 304, Oakland, CA 94116, (415) 339-6280

ImageLink 2.0
Conversion and imaging system for the Amiga. It will convert image files between a variety of image formats including Macintosh, IBM, Targa,

ATVista, and numerous others. Additional modules are available for other formats and imaging hardware. $199.95
Active Circuits, Inc., 1985 Highway 34 A-4, Wall, NJ 07719, (201) 974-1616

Interactor
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Media Processor
Allows computer control of A-V equipment. Edits video tape, records database, and plays back automatically from one or two decks. Overlay computer graphics on video, dub audio, record single frame animation images automatically, record a database of up to 24 hours of digital stereo sound, or 4 hours of video on one 8mm cassette. Freeze frame, visible high-speed search, flying erase heads, and more. $149.00
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Photon Video Transport Controller
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Photon Video: Edit Decision List Processor
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Professional Video Graphics Library
A 20-disk set of Amiga graphics and animations specially designed for business, industrial, educational, cable TV, and other video studios. Colors have been optimized for video production. Topics include titling backgrounds compatible with popular titling software and paint programs, HAM images, digitized images, stock animations, and anim brushes covering a vast array of subjects suitable for the video market. Price unavailable.
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T.V. Graphics 2.0
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VIDI-Mice
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Tensor Productions, 280 Mathilda Drive No.9, Goleta, CA 93117, (805) 685-2994

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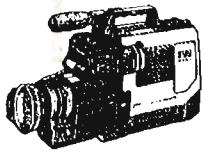

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From Kuma Software of England. Prepare graphics displays for presentations and use in documents. Line/scatter graphs, area graphs, pie charts, stacked, horizontal, 3-dimensional, and normal bar. Automatic axis scaling, Grid on/off, Save Graph option, statistics, math and logical expressions, graph formulas, automatic creation of legends and labels, and marker positions. Display up to four graphs at a time. Prints to any Epson or Epson-compatible printer. Data interchangeable with K-Spread 3 and K-Word 2. $99.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Laser Show Designer
Produces professional-quality laser light shows. Works like a paint program to create, edit, animate, and display projected laser graphics and beamworks. Requires standard laser scanner projector (available from Pangolin.) $595.00
Pangolin Laser Software, 1016 N. Daniel St., Arlington, VA 22201, (703) 527-4880

Mondo Stereo
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A-Squared Distributions, Inc., 6114 LaSalle Ave., Oakland, CA 94611, (415) 339-0339

RGB AniGrafix WorkStation
Amiga 2000/3000 computer configured for animation and graphics production. 68030/68882 processors up to 50 MHz. 68040 processors also available. System fixed disk drives up to 1.25 GB. Removable media from 44MB up to 900MB. 650MB Magneto-Optical disks. 24/32 bit framebuffers up to 2000 x 2000 dpi with 16.7+ million colors. Complete AniGraphix software toolkit for 2-D/3-D animation and graphics. System comes totally configured for professional grade animation productions. Amiga native genlock-encoders/Grass Valley Group Encoders available. Single frame control option includes all hardware and software for VCR single frame control. A/B-Roll editing option. Film recorder option. Contact RGB with specific needs. $5000.00
RGB Computer & Video, 3944 Florida Blvd. Ste. #4, Palm Beach Gardens, FL 33410, (407) 622-0138

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All hardware and software needed to control on video deck for single frame and time lapse animation. Can easily be expanded to a full blown A/B Roll or Cuts-only editor (AmiLink). Interfaces available for virtually all frame-accurate videotape recorders. Can be interfaced with AmigaVision to control virtually any professional grade videotape recorder. $2350.00
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RTV
Raster-to-vector conversion program. Takes standard IFF pictures—drawn, painted, or digitized—and instantly turns them into projected laser graphics. RTV can be used by itself or as input for the Laser Show Designer program. Requires a standard laser scanner projector. $495.00
Pangolin Laser Software, 1016 N. Daniel St., Arlington, VA 22201, (703) 527-4880

Scene Generator
Create realistic, natural-looking scenery. Easy-to-use menu interface gives you instant access to all of Scene Generator's powerful capabilities. Create everything from a desert to a snow-covered mountain peak. Allows control of lightning, snow and water levels, optional clouds, and colors. A preview mode will display a scene in 5 seconds. Makes great backgrounds for painting or animation. $49.95
Natural Graphics, P.O. Box 1963, Rocklin, CA 95677, (916) 624-1436

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Continuous display of video and sampled sound in IFF format. $24.95
Speech Systems, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (312) 879-6880

WORD PROCESSING

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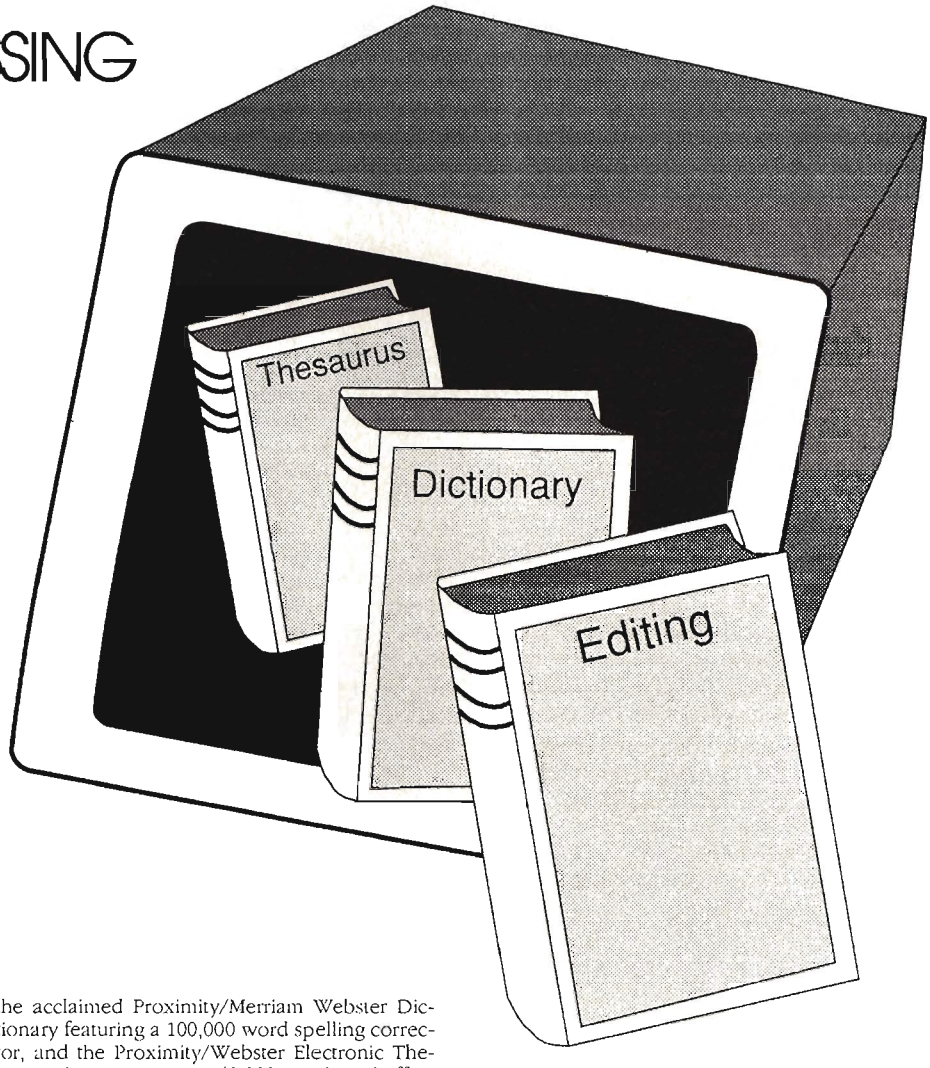

• GENERAL •

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Micro-Systems Software, 12798 Forest Hill Blvd. Suite 202, West Palm Beach, FL 33414, (407) 790-0772 tech.

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Digital Solutions, Inc., P.O. Box 345 Station A, Willowdale, Ontario, CANADA M2N 5S9, (416) 731-8775

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New Horizons Software, Inc., 206 Wild Basin Road Suite 109, Austin, TX 78746, (512) 328-6650

Protext
Protext is a fully integrated word processor which combines the features of a word processor, text editor, and a command line interpreter—all in one package. $199.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

WORD PROCESSING

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Abacus Software, 5370 52nd Street S.E., Grand Rapids, MI 49512, (616) 698-0330

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Poor Person Software, 3721 Starr King Circle, Palo Alto, CA 94306, (415) 493-7234

Transcript
Incredibly fast writing/editing tool. The Transcript Package consists of a concise main program and an even smaller version called TransSpell, a 90,000-word spelling checker that can work alongside Transcript or stand alone. Ten different ways to move the cursor provides easy access to text operations. Use the cursor keys alone or with SHIFT or ALT. All keyboard shortcuts are listed in the pull-down menus. Automatically generates indexes and mail merging. $69.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga Ontario, Canada L4W 5A1, (416) 602-4000

VizaWrite Desktop
WYSIWYG word processor that features fast mail-merge, headers and footers, graphics, proportional fonts, and some desktop publishing features. $59.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

WordPerfect 4.1
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• FONTS •

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Pen Pal by Softwood Company
Color WYSIWYG word processor, built-in database, form generator, with great user interface. Multiple fonts. Line/box/border drawing. Imports, resizes, crops any IFF or HAM pictures. Spelling checker with 100,000-word dictionary. The built-in database can be used for customer lists, student files, accounting, and more. Also sorts, selects, and merges with your documents. Requires 1 MB RAM, 2 disk drives or hard disk, Preferences-supported printer. $149.95
Brown-Wagh Publishing, Inc., 16795 Lark Avenue, Suite 210, Los Gatos, CA 95030, (408) 395-3838

• SPELL CHECKERS •

Foreign Language Dictionaries for ProWrite
German, French, and Swedish dictionaries for use with ProWrite graphic word processor. The German dictionary contains 85,000 words, while the French version contains 130,000 words, and the Swedish version contains 150,000 words. $35.00 each.
New Horizons Software, Inc., 206 Wild Basin Road, Suite 109, Austin, TX 78746, (512) 328-6650

Gold Spell 2.0
90,000-word dictionary, compatible with most word processors. Automatic guess, dictionary scan. Allows use of private dictionaries. $44.95
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Computer Club Co., The , 13013 Lee-Jackson Highway, Suite 14, Fair, VA 22033, (703) 968-7588

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Other Guys, The , 55 N. Main, Suite 301D, P.O. Box H, Logan, UT 84321, (801) 753-7620

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New Horizons Software, Inc., 206 Wild Basin Road, Suite 109, Austin, TX 78746, (512) 328-6650

Circle 152 on Reader Service card.

ProScript
Translates files created with ProWrite into PostScript. Files can be printed on a PostScript-compatible printer or saved as a file to be printed later. Other features allow the user to reduce or enlarge the printout, choose the paper size, mail merge documents, and control the number of gray shades used for graphics. $49.95
New Horizons Software, Inc., 206 Wild Basin Road, Suite 109, Austin, TX 78746, (512) 328-6650

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Analyzes writing style and readability, proofreads spelling, diction, punctuation, and then suggests improvements. $395.00
Other Guys, The , 55 N. Main, Suite 301D, P.O. Box H, Logan, UT 84321, (801) 753-7620

WordPerfect 4.1 Maintenance Update
This update allows WordPerfect users to access files through a standard Amiga file requester system. This new file requester system provides powerful file management capabilities each time a file is saved or retrieved. WordPerfect users familiar with the program's original file requester can still access files by typing the path and name of the file. The update also allows WordPerfect users to import WordPerfect 4.2 PC files directly into WordPerfect for the Amiga, making it easier to transfer WordPerfect files between the Amiga and other hardware platforms. Improvements have been made to the list files and timed back-up features, as well as to the spell checker. The update also supports automatic edit buffer sizing. The WordPerfect Maintenance Update comes on three disks, and those users with problems in an earlier version who reported it to WP Corp.'s Amiga Customer Support Department are entitled to receive this update at no charge. $12.50
WordPerfect Corporation, 1555 N. Technology Way, Orem, UT 84057, (801) 225-5000

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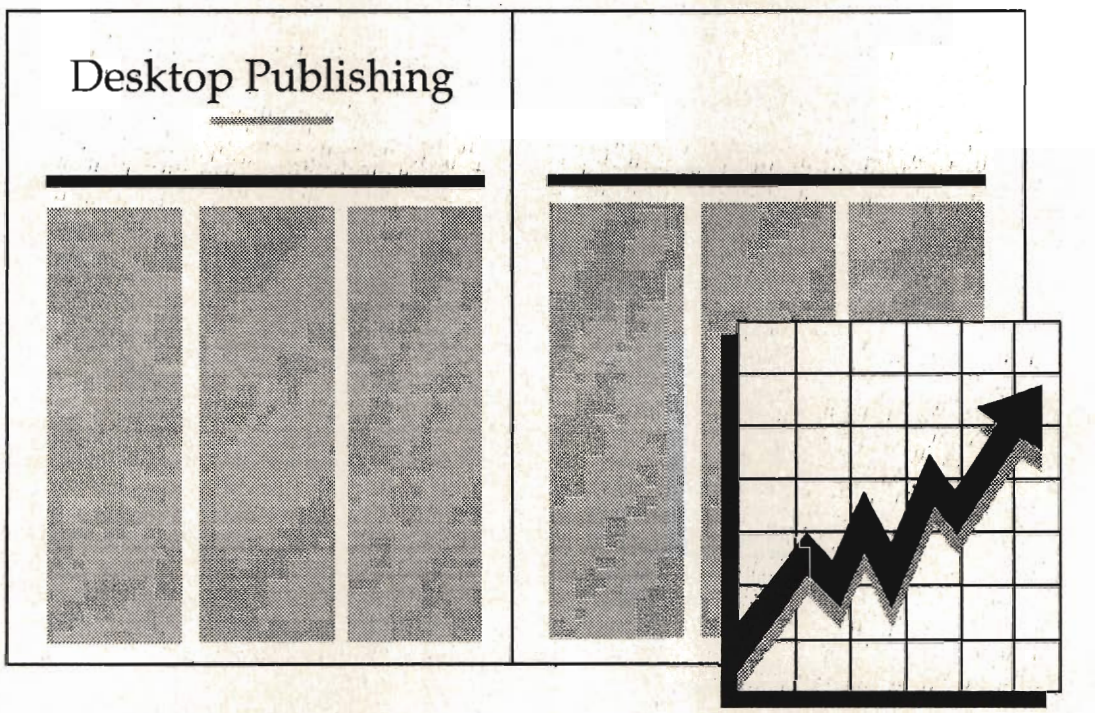

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• GENERAL •

AmigaTeX
Sophisticated typesetting software. 12 disks with full TeX functionality, ARexx compatibility. Includes TeX, preview, iniTeX, metafont, inimf LaTeX, SliTEX, and BibTeX. Over 1500 previewer fonts. Free demo disk. $200.00
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MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

Comic Setter
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Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga Ontario, Canada L4W 5A1, (416) 602-4000

DeluxePrint II v1.1
DeluxePrint II version 1.1 is a personal creativity program for producing and printing a variety of messages for use in the office, home or school. DeluxePrint II makes the creation of practical printouts quick and easy. It contains seven predesigned formats including signs, greeting cards, banners, letterhead, calendars, 4-panel signs, and labels. The program also includes over 150 multi-colored graphics and borders, and a variety of standard Amiga and custom fonts. DeluxePrint II provides full control over every design, by allowing the user to replicate, move, resize, flip, and rotate their text and graphics at will, and by providing a full-featured graphics editor for creating their own clip-art or customized graphics. In addition, DeluxePrint II can import DeluxePaint or other compatible programs to be used as background images, and supports the growing library of fonts for the Amiga. Upgrades for the DeluxePrint II 1.0 are available to customers who send in both their art and program disks to P.O. Box 7578, San Mateo, CA. 94403-7578. $79.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

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PageSetter II
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Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga Ontario, Canada L4W 5A1, (416) 602-4000

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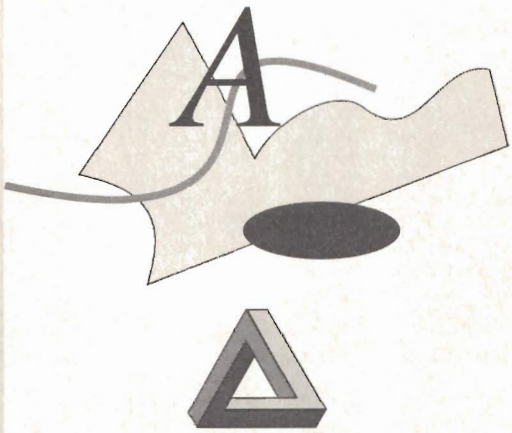
PageStream version 2 series has extraordinary power. Major 2.0 features include: Compugraphic Intellifont, Adobe Type 1, and PageStream format fonts to the maximum resolution of any computer screen or printer; support for Adobe Type 1 and Type 3 fonts to PostScript and dot-matrix printers; over 1,000 pages per document; change the page dimensions of any page; bleed objects off the page and use the area around the page as a pasteboard; page sizes over 1200 feet x 1200 feet with text scalable to fit the page; Bezier curves and Bezier/polygons; import IBM EPS with TIFF headers that show to screen; faster printing time and much more. Version 2.1 drastically speeds up screen draw of outline fonts while typing, supports Adobe Bitmap Fonts .ABF and imports Professional Draw Clips (edit in PageStream, unlike all other DTP programs).

Importation and Printing

PageStream began and continues as the leader in graphics importing, text importing and printer support. Soft-Logik supports all graphic formats, text formats and printing devices and has done so since day one. Something our competitors have yet to even come close to. PageStream allows the importation of these graphic formats: IFF ILBM (includes all IFF graphics: ham, sham, dynamic hi-res, dynamic low-res/Beam, 24-bit . . .), TIFF (any number of bit planes), Professional Draw, EPS (Mac, IBM, EPSF), GEM, IMG, Aegis Draw, Dr2d, Degas, MacPaint, Neochrome and PageStream. These formats cover all Amiga formats and the major formats on the Macintosh, IBM, and Atari ST. Importing a wide variety of graphics allows the user flexibility in graphic selection. Don't be constrained by other programs' inability to support graphics. Graphic control is the fundamental idea behind computer DTP. Why wait years for other DTP programs to support something they should have supported with their first release? Now as far as printing goes PageStream is the only Amiga DTP program that addresses all printers as a priority, not just PostScript printers or Preference printers. Output to any PostScript or dot-matrix printer using Adobe Type 1, Compugraphic or PageStream format fonts at the printers maximum resolution with PageStream.



PageStream comes with 18 outline fonts that utilize the maximum resolution of the computer screen and dot-matrix printer. PageStream's competitor comes with only 2 outline fonts.

Ease of Use

PageStream is undeniably the easiest, most intuitive DTP program for the Amiga. This stems from Soft-Logik's ambition to bring professional DTP to home users. PageStream is a "free-form" DTP program. Graphic artists, professionals and amateurs alike, can express their layouts without constraint. Creating single page black and white ads or full color books doesn't get any easier. To grasp your document ideas, PageStream provides easy developmental means. For instance, you can type text directly on the page and then stretch it visually to approximate your idea. As your idea evolves, you can change the point size, orientation or placement of that text, numerically to exact specifications. This same concept encompasses the majority of PageStream's features and makes document "production" fast and easy.

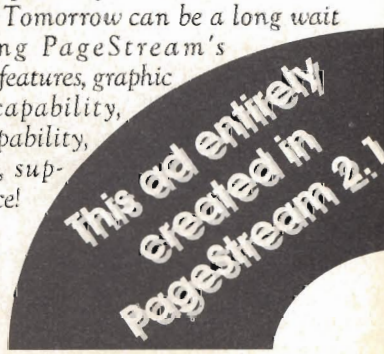
Support

Soft-Logik technical support is dedicated in providing PageStream owners with help and advice with their publishing needs. Soft-Logik technical support is administered through, fax, phone, mail and the Soft-Logik BBS. Not to mention a wide base of user support on GEnie, CompuServe and People Link. Our support also extends with our consistant upgrades and presentations at Amiga expositions.

Price

PageStream 2.1 retails for $299.95. Our competitors, with less than comparable features, are over $100 more. 2.1 is a free upgrade and available Today, not Tomorrow.

PageStream supports the user's wants and needs. You can have power Today with PageStream. To get the power of PageStream from our competitors you will have to wait til Tomorrow. Tomorrow can be a long wait considering PageStream's advantages: features, graphic handling capability, printing capability, ease of use, support and price!



Soft-Logik Publishing Corporation • 1-800-829-8608

Circle 161 on Reader Service card.

and AFM files (which are freely redistributable) into superior looking Amiga-standard bitmaps and '.metric' files. $79.95
Mirror Image Productions, 30 Aurora Court Ste. 1209, Scarborough Ontario, Canada M1W 2M3, (416) 495-7469
please see display ad page 51

Newsletter Fonts, Vol. I
Over 100 fonts designed by Andre Page. Roman and Helvetica are ideal for mapping to PostScript laser printer as screen representation fonts. $46.25
Interactive Softworks, 2521 S. Vista Way, Suite 254, Carlsbad, CA 92008, (619) 434-5327

Outline Fonts
These high-quality AGFA Compugraphic outline fonts are designed for use with Professional Page v1.3 & higher as well as Professional Draw. All are PostScript compatible which will output to the highest resolution of any type of printer. Also included is a utility to allow you to convert these fonts to standard Amiga bitmap fonts. Price Unavailable
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga Ontario, Canada L4W 5A1, (416) 602-4000

Prografix Source Benchmark Fonts
Prografix Source Benchmark Fonts are high quality collections of classic and contemporary display fonts designed to add dynamic high visibility impact to your projects, whether used alone or as a supplement to text fonts already available for the Amiga. The PROGRAFIX SOURCE Benchmark Font series currently includes the following collections, priced at $47.95 each: Society Hand Benchmark, Font Collection Quick Hand, Benchmark Font Collection, Art Deco Benchmark Font Collection, King's Quill Benchmark Font Collection, Cleric's Quill Benchmark Font Collection, GraphiCraft Benchmark Font Collection, and Free Flow Benchmark Font Collection.
Prografix Source, 3827 South 58th Court, Cicero, IL 60650-4212

Pixclations' PostScript Series; Typeface Volumes One-Six
Each volume contains 3-4 PostScript Fonts each; PostScript fonts, are infinitely scalable for the widest possible range of point sizes. Complete support files and bitmaps are included for Professional Page, PageStream, excellence!,ProWrite/ProScript, PageSetter/LaserScript, City Desk 2.0, and Shakespeare. An Intuition installation utility allows automated installation of correct support files for the packages used. Can be used with PixelScript or PostScript printer. $70.00
Pixelations, Inc., P.O. Box 547, Northboro, MA 01532, (508) 393-7866

ProFonts: Volume I
High quality fonts for use with ProWrite. Package includes System Mover to move fonts and other system fonts from disk to disk, and allows you to install fonts on the Workbench disk. $34.95
New Horizons Software, Inc., 206 Wild Basin Road, Suite 109, Austin, TX 78746, (512) 328-6650

ProFonts: Volume II
High quality, decorative fonts give visual appeal to ProWrite documents. Package includes System Mover to move fonts and other system fonts from disk to disk, and allows you to install fonts on the Workbench disk. $34.95
New Horizons Software, Inc., 206 Wild Basin Road, Suite 109, Austin, TX 78746, (512) 328-6650

Story Book PLUS
Two formats (3 diskettes). Includes all 27 bitmap brush alphabets from StoryBook Capitals (over 700 brush files), PLUS, one diskette full of Professional Page-format clip art decoration alphabet background templates to which you can add PostScript capitals. Expanded Manual. $59.95
Classic Concepts Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

Storybook Capitals 2.1
Brush fonts especially designed to liven up your desktop publishing applications, newsletters, correspondence, posters, signs, and school worksheets. These are like the large, decorative capitals and calligraphy fonts found in children's storybooks and the old illuminations. Sizes range from 50 to 180 lines high, displayable in any resolution. They are easily inserted as brushes into paint and desktop publishing programs but don't require large amounts of memory to use. Requires 512K RAM. $24.95
Classic Concepts Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

Storybook Capitals 3.0
Twenty-seven decorative bitmap alphabets especially designed to liven up your desktop and WYSIWYG applications, newsletters, correspondence, posters, signs, and school worksheets. Large decorative capitals and calligraphy fonts ranging from 50 to 180 lines high, displayable in any resolution. They are easily inserted as brushes into paint, desktop and WYSIWYG programs. Requires only 512K RAM. $29.95
Classic Concepts Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

SuperFont Sampler 2.1
A 2-disk set including a 35-page manual, more utilities, and 60 font styles from 7 to 34 lines high. Great starter package with no compromise in quality for the budget-minded who need a variety of small-to-medium fonts for newsletters, word processing, and educational applications. Requires 512K RAM. $34.95
Classic Concepts Futureware, P.O. Box 786, Bellingham, WA 98227-0786, (206) 733-8342

• FORMS •

Award Maker Plus
Easy to follow program creates awards, certificates, licenses, coupons, or other documents you design. Program prints hundreds of pre-designed award styles, allowing you to choose text style, enter your own message, and select the border style and color. In some styles, you can enter your own hi-res picture. Features professionally designed color and B&W borders, gold embossed press-on seals, and class name file capability. $49.95
Baudville, 5380 52nd St. SE, Grand Rapids, MI 49512, (616) 698-0888

Ultra-Forms Volume I PageStream
High-quality professional business forms for use with PageStream and over 60 forms are included. These forms are ready to be printed after some slight modifications to personalize the form. $29.95
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

Ultra-Forms Volume I Professional Page
High-quality professional business forms for use with Professional Page and over 60 forms are included. These forms are to be printed after some personalization by the user. $29.95
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

• PRINT UTILITIES •

360 dpi Fonts
Complete set of 360 dpi fonts for the NEC 24-pin printers. Requires the NEC P6 driver and AmigaTeX, 10 disks. $75.00
Radical Eye Software, P.O. Box 2081, Stanford, CA 94309, (415) 326-5312
please see display ad page 50

ASDG-RESEP
Requires Professional ScanLab and Professional Page. Allows 24-bit separations done by Professional ScanLab to be used in Professional Page. This results in printed output (to typesetters or other high quality output devices) with 16 million colors (true color). $59.95
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

Epson FX Printer Driver
AmigaTeX driver and fonts for the Epson FX, MX, JX, and compatible series of printers. Also includes separate driver for almost all Epson-compatible printers, 10 disks. $100.00
Radical Eye Software, P.O. Box 2081, Stanford, CA 94309, (415) 326-5312
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FinePrint
Multiple gray-shade print program works with most dot-matrix printers. Makes highly-detailed prints with true shades of gray. Makes near-photograph quality prints. Makes postage stamp-sized as well as mural-sized prints. Mouse-oriented and easy to use. $49.95
Designlab, P.O. Box 419, Owego, NY 13827, (607) 687-5740

ImageWriter II
Driver AmgiaTeX driver for the ImageWriter II, 2 disks. $100.00
Radical Eye Software, P.O. Box 2081, Stanford, CA 94309, (415) 326-5312
please see display ad page 50

Laser Printer Drivers
AmigaTeX laser drivers. Includes drivers for 300 dpi PostScript printers, the HP LaserJet Plus and Series II, the QMS Kiss and SmartWriter, and the HP DeskJet printers, with 8 disks. $100.00
Radical Eye Software, P.O. Box 2081, Stanford, CA 94309, (415) 326-5312
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Laser Up! Plot
Converts Aegis Draw and Draw Plus drawings to PostScript. $49.95
Laser Up! Software, 889 De Haro St., San Francisco, CA 94107, (415) 826-6193

Laser Up! Print 1.2
PostScript image printing system with many features. WYSIWYG scaling and translation landscape or portrait. Unlimited x and y printed image scaling. Wide variety of borders and halftone screen types selectable from menu. Four color process separations with targets-positives or negatives. You can save images as PostScript text files (which can be used with any operating system) or send them directly to any PostScript printer or typesetting machine. It's completely menu-driven with many features. $89.95
Laser Up! Software, 889 De Haro St., San Francisco, CA 94107, (415) 826-6193

NEC P6 Driver
AmigaTeX drivers and fonts for the NEC P6/P7 series of printers and the Epson LQ series of 24-pin printers with 6 disks. $100.00
Radical Eye Software, P.O. Box 2081, Stanford, CA 94309, (415) 326-5312
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PSFont 2.0
PSFont 2.0, the Adobe PostScript font downloader for the Amiga allows the user to tap into the many font styles currently available to the MS-DOS and Macintosh communities. PSFont 2.0 allows the Amiga Desktop Publisher to download Type I (Adobe) and Type III (PostScript compatible) fonts to a PostScript device (laser printers, imagesetters, etc.). PSFont can download multiple fonts, through both series and parallel interfaces, limited only by the amount of existing memory on the printer. Full CLI, Workbench and TASS support. PSFont 2.0 can automatically generate properly spaced metric files for Professional Page, Saxon, and PageStream. PSFont is Workbench 2.0 compatible. $139.95
Canadian Software Developers, 4 Caithness Avenue, Toronto, Ontario, Canada M4J 3X7, (416) 466-6450

PageSetter LaserScript
Allows printing PageSetter documents on PostScript laser printers or typesetters. Lets you scale, rotate, and translate upon output. Can also overlap multiple pages on a single output page. $44.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga Ontario, Canada L4W 5A1, (416) 602-4000

Palette Printer
A color match and selection system for the Amiga artist and designer. Contains IFF files to print out the color range of any in-house printer. By comparing Palette Printer color charts to any color charts already used, users can select color settings in any Amiga paint or desktop/electronic publishing programs to create a matching color, or simply use the P.P. charts as reference to preselect your color settings for precise results. Dot-per-inch as low as 83X84 will yield an impressive array of saturated colors from over 850 color samples. Higher dpi capabilities will create more usable colors. $29.95
Ontological Survey, P.O. Box 17488, Milwaukee, WI 53217, (414) 332-1818

PixelScript V1.1
PixelScript brings the power of PostScript to your Preferences printer, at any resolution your printer supports. PixelScript comes with equivalents to the two leading font families (Times and Helvetica). PixelJScript supports Encapsulated PostScript clip art, for truly professional desktop publishing. Additional fonts, clip art, and utilities available. $149.00
Pixelations, Inc., P.O. Box 547, Northboro, MA 01532, (508) 393-7866

Pixelations' PostScript Series; PostScript Printer Utilities
This disk contains six utilities which facilitate the use of PostScript printers with Amigas. Included: Download Fonts; Print a PostScript File; List Printer-Resident Fonts; and several methods for manipulating the automatic sending of fonts within a document. $65.00
Pixelations, Inc., P.O. Box 547, Northboro, MA 01532, (508) 393-7866

Pixelations' PostScript Series; Sample Disk
This contains 3 PostScript fonts, including one intended to aid in technical documentation for Amiga products; 20 pieces of clip art, much of it Amiga-related; and a utility to generate Zoomed text to the user's specifications. $65.00
Pixelations, Inc., P.O. Box 547, Northboro, MA 01532, (508) 393-7866

PrintMaster Plus
Graphic printing program. Includes clip art, fonts, and more. $39.95
Unison World, 1321 Harbor Bay Parkway, Alameda, CA 94501, (415) 748-6670

Professional Page Templates and Design Guide
This package contains over 50 professionally-designed, pre-configured templates for Professional Page, as well as a 48-page design manual full of useful design and layout tips. Type specifications: typeface, size, style, justification, text run-around, and more is all pre-set. Just flow in copy and print. This is extremely useful for those beginning desktop publishing, or others with limited time to devote to design details. $59.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga Ontario, Canada L4W 5A1, (416) 602-4000

Pure Color
Pure Color is a collection of printer palettes designed for graphic artists or anyone with a need for color hard copies. Each IFF screen holds 32 different colors that can be printed to give the Amiga artist a convenient color chart for quick reference. Each color is clearly labelled with the numeric setting for RGB. There are over 500 different color settings as well as numerous dot pattern settings and a Quasi-HalfBrite chart. PURE COLOR is a collection of IFF compatible screens that are used as a color reference guide, and works well with any type of printer. Designed by graphic artists using DeluxePaint II. $24.95
Graphic Design Studio, 417 Transcontinental Drive, Metairie, LA 70001, (504) 455-0341

Shinko & Mitsubishi Preferences 1.3 Printers Drivers
We offer a complete line of thermal color printer drivers for the Mitsubishi and Shinko A&B size color printers. They are 100% Amiga Preferences 1.3 drivers. $133.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

Window Print II
Consists of three separate programs: Window Print, Snatch, and IFFIcon. In Window Print, load, print or save icons, BASIC output and paint programs. POSTER lets you clip and print a poster size print of any IFF picture or window. Install Snatch at startup and have a convenient HOT KEY to snatch the screen to an IFF file, captures stills from most animation. IFFIcon converts clipped pictures into ICONS for any Workbench object. Use two images, and icon changes when selected. $34.95
T & L Products, 2654 Wilson Street, Carlsbad, CA 92008, (619) 729-4020

• TUTORIAL •

DeluxeHelp for PageSetter
On-line interactive tutorial runs with PageSetter. Price unavailable.
RGB Computer & Video, 3944 Florida Blvd. Ste. #4, Palm Beach Gardens, FL 33410, (407) 622-0138

Music

EDITOR/LIBRARIAN 58
GENERAL 56
MISCELLANEOUS 63
PERCUSSION 60
SONGS 60
SOUNDS AND INSTRUMENTS 60
TUTORIAL 62

• GENERAL •

Aegis Sonix
Combine instruments, sampled sounds, and digitized AudioMaster files. On-screen musical editing lets you see each note as it's entered on the staff. Has built-in MIDI controller. Supports eight MIDI voices with up to 32 channels and 16 MIDI patches for each channel, or four Amiga voices and four MIDI voices. Saves files in IFF or RFF formats. Use pre-programmed instruments or create your own using the Sonix synthesizer. $79.95
Oxxi/Aegis Development, 1339 E. 28th Street, Long Beach, CA 90806, (213) 427-1227

AudioLink
AudioLink is a professional 16-bit linear stereo audio processor that boasts 16 voices (8 in stereo), a variable sound sampling rate of up to 50 kHz (100 kHz 2x over sampling in mono), up to 16 megs onboard, and MIDI. AudioLink comes bundled with sound editing software with features such as Realtime Playback, Crossfading, and Cut, Copy, and Paste between voices. Invert, Reverse, Looping, and Variable Left and Right Gain. Saves in multiple formats such as AIFF and SAMP formats. For all Amiga models. Price TBA.
Beta Unlimited, 87 Summit Street, Brooklyn, NY 11231, (718) 852-8646
please see display ad page 59

Bars&Pipes
Unique Pipeline concept allows the user to direct the flow of musical information on a track-by-track basis, either prior to or after recording takes place. Includes the Toolbox with a keyboard splitter, event filter, chord substitute, inverter, and harmonizer to name a few. Create a Tool allows the user to construct customized Macrotools. There is no limit to the number of tracks. Sequencer features include global cut, copy, and paste; autolocate registers; punch in and out; looped mode recording; global display of music on all tracks; A-B-A global song construction and editing; high-resolution timing (192 clicks per quarter note); tempo maps; sync to external MIDI or time code; audible metronome; and rhythym, chord, key, multiple time signature, and lyric output. The Editor is either a piano roll display or bars on a staff. Lyrics can be typed over the music. Simple, intelligent, object-oriented user interface. MIDI File Format compatible. $249.95
Blue Ribbon Bakery Inc., 1248 Clairmont Road Suite 3D, Atlanta, GA 30030, (404) 377-1514
please see display ad page 61

Deluxe MIDI INTERFACE for the Amiga 500/1000/2000
Provides input, thru, and two switchable thru/outs for maximum flexibility. Comes with six foot serial cable and RS232 pass-through. Impact resistant beige case and cable matches Amiga's color closely.
Pro-Tronic Systems Ltd., 720-6th Street, #227, New Westminster, B.C., Canada V3L 3C5, (604) 290-1631

Deluxe Music Construction Set
Full-featured sound editor with complete input, notation, and score printing. $99.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Digital Studio
A stereo sound handler for Amiga computers. A digital sampler, the editor (and sequencer) is fully complete and of high fidelity (simple to use at an affordable price); yet, it remains a professional tool. Digital Studio has 10 memory work zones; these buffers allow you to work on several different pieces of music, and even better, to play one piece while working on another, or even to play samples at the same time, with different frequencies (pitches), if so desired. The zoom-in Digital Studio permits you to magnify the waveform. Draw permits you to touch up the waveform. There are menu commands for volume and echo. Modified sounds can be saved on a floppy disk or on a hard drive in IFF format. Supplementary characteristics include: sampling rate to 44 kHz, automatic voice activation, left and right volume controls, anti-aliasing audio filter control, transform mono into stereo and vice versa, and a graphic oscillator for control of audio entry level. Digital Studio is compatible with all digitizers with sampling rates high enough to permit quality sound recording
Adept Development, P.O. Box 20, 1000 Lausanne 5, Switzerland, 011-10-962985

E-Z FM Synthesizer
Easy-to-use software program for creating instruments and sounds for your Amiga. E-Z produces realistic sounds as well as synthetic or futuristic sounds with rich harmonic content. This program uses a minimum number of steps making it "EaZy" to use. $59.95
Other Guys, The, 55 N. Main, Suite 301D, P.O. Box H, Logan, UT 84321, (801) 753-7620

Hyperchord
A dynamic riff sequencer, designed for professional musicians but addictive fun for amateurs (teachers take note). The principle behind Hyperchord is that most music is based on short themes and motifs, which are then varied in rhythm, pitch, and order to create larger musical movements. Hyperchord lets you create riffs (sequences) of up to 40 notes using such original features as Riffwaves, Weave, Smear, Rotate, and Expand. Store and manipulate in real time, varying pitch, speed, rhythm, volume, note order, orchestration, harmonies, and trill. For intense riffing, switch between 60 user-defined scale modes and 40 rhythms, or employ unique cyber-musical tools such as Holistic Play and VectorPlay. Three utilities included: Mode Maker, Rhythm Maker, and Holistic Window. $159.00
Hologramophone Research, 638 Summit Ave., St. Paul, MN 55105-3435, (612) 228-9142

Instant Music
Easy musical composition through mouse control. $19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Keyboard Controlled Sequencer V1.6
Load up to 4 programs simultaneously. Automated 48-track tape recorder mode, full editing of all MIDI parameters, and built-in variations generator. Can use up to 126 sequences and Amiga's internal voices. Allows multitasking; loads and saves MIDI files. $249.00
Dr. T's Music Software, Inc., 220 Boylston St. #306, Boston, MA 02167, (617) 244-6954

Level II
Does everything KCS 1.6A does, with 16 more screens of algorythmic and global editing. $349.00
Dr. T's Music Software, Inc., 220 Boylston St. #306, Boston, MA 02167, (617) 244-6954

M
M for the Amiga is a real-time interactive composing and performing program. M's graphic screen controls allow you to shape or change any aspect of your composition while you're hearing it. First, specify notes and chords, then determine the ways those notes will be transformed through rhythms, articulations, orchestrations, and many other variables. Finally, perform your music, either by manipulating screen controls, playing control keys on a MIDI keyboard, or moving the mouse in a conducting grid. M features a capability for automating changes in MIDI velocities, note densities, legato-staccato articulations, and accents. Also multitasking compatible; high-quality internal sounds using IFF8SVX sample files. $199.00
Dr. T's Music Software, Inc., 220 Boylston St. #306, Boston, MA 02167, (617) 244-6954

MIDI Magic
Easy-to-use MIDI sequencer for the Amiga. Uninterrupted music output. Features include multichannel simultaneous recording, 480 PPQN resolution, 4-mode quantization, and multiple time signatures. Allows real-time, modular, or step editing. Records any type of synthesized sampled or live sounds onto 16 tracks, with up to 26 sequences. Features include multitasking, windows, gadgets, and pull-down menus, with Mouse or keyboard control. Play, record, pause, rewind, and fast forward. Memory fuel gauge keeps track of memory. $149.95
Brown-Wagh Publishing, Inc., 16795 Lark Avenue, Suite 210, Los Gatos, CA 95030, (408) 395-3838

MIDI Music Manager
Play sampled sounds from any MIDI track. Listen to one track while recording another. Eight real-time tracks. Adjustable track length. Works with standard IFF files. $39.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

MIDI Recording Studio
Full-featured 8-track sequencer for MIDI Recording. $69.00
Dr. T's Music Software, Inc., 220 Boylston St. #306, Boston, MA 02167, (617) 244-6954

MIDI Sample Wrench V1.3
Complete visual editor system for 16-bit CD quality sounds. Quickly perform subtle or dramatic sound variations. Full cut-and-paste editing with extensive processing tools such as EQ, compression, enveloping, sampling rate conversion, sample mixing, clipboard, and much more. Multiple editors with virtually infinite zoom, scroll, and pan. Preview sounds using Amiga internal voices. Uploads and downloads to your favorite MIDI sampler including Prophet 2000, TX16W, EPS, E-Mu E-MAX, E3, Roland S-770, Korg DSS-1, Akai S612, S700, S900, S1000, Casio FZ-1, and others. Requires MIDI interface and 512K (1MB or more recommended). $279.00
dissidents, 730 Dawes Ave., Utica, NY 13502, (315) 797-0343

Master Tracks Pro
Our goal was to create a sequencer with all the power and control you desire, without sacrificing an easy-to-use working environment. Sequencing should be a natural extension of the creative process. We don't think that advanced technology should mean inhibiting your creativity with a confusing design. Along with the control, we have designed a system that you can work with comfortably, whether you choose an Amiga, Mac, Atari ST, IBM PC, or Yamaha C-1. $395.00
Passport Designs, Inc., 625 Miramontes Street, Half Moon Bay, CA 94019, (415) 726-0280

MidiVU
Single-track desktop recorder records in real time from any MIDI instrument. Portable, compact, multitasking; uses just 3% of disk. Pops up fast, hides easily. Saves tracks to disk, and includes powerful file utility. MIDI data monitor for troubleshooting. Help screens show MIDI 1.0 message definitions. Includes message filtering and loopable playback. Records Sys-Ex MIDI data and can be used as a generic Patch Librarian. $29.00
Diemer Development, 12814 Landale St., Studio City, CA 91604, (818) 762-0804

Music Modules
Record/save/edit/play standard MIDI files. Use IFF sampled sounds as instruments. Number of tracks, sequences or sounds limited only by available memory. Independent multitasking programs which utilize a shared library to communicate. MIDI Delay and SysEx Dump. Use Amiga keyboard as a MIDI controller. MIDI keyboard or interface are useful but are not required. Starter kit, $49.95. $99.95
Musicomp Technologies, 176 Broadway, 3rd Floor, Methuen, MA 01844

Music Mouse
Musical composition with the mouse. No musical skills required. Music Mouse turns the computer into a musical instrument that reacts to mouse movements to play internal sounds or create MIDI data. Lets beginners express their musical

sensitivity and imagination, while giving advanced musicians an endless variety of instantly accessible chances for improvisation and exploration. Outputs through the computer's built-in speaker or through a MIDI interface. $79.00
Opcode Systems, 1024 Hamilton Ct., Menlo Park, CA 94025, (415) 321-8977

Music-X 1.1
The original Music-X has been updaded to Music-X 1.1. Along with some fixes we have also enclosed a control mapper, velocity sculpting, and multiple serial support. Upgrades available to registered users. $299.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Music-X Jr.
This is a scaled-down version of Music-X. Music-X Jr. contains a sequencer, bar editor, filter page, and can use Amiga samples. $149.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Pixound
Pixound is a radical new concept in musical software, transforming visual art into music. Unlike other programs which provide the computer equivalent of a light show, Pixound allows you to use the musical fingerprint of any image to create, play, and record complex new music. The novice musician or computer user can move from Bach to rock by simply moving the mouse.The virtuoso, too will thrill at the Pixound adventure of playing a new and unique instrument with every new screen. $99.00
Hologramophone Research, 638 Summit Ave., St. Paul, MN 55105-3435, (612) 228-9142

Pro-MIDI INTERFACE for the AMIGA 500/1000/2000
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QuasarSound gives Amiga owners the ultimate stereo sampling/sound editing system! QuasarSound can save real-world sounds in IFF format for any use in any music program that supports IFF or 8 SVX sounds. Samples will work with Deluxe Music, Sonix, Soundscape, Dr. T's KCS 1.6A, Dynamic Drums, and many more! The program features include high- and low-pass filter operations, powerful editing features such as cut, paste, copy, and visual editing, changeable pitch and volume, special effects, and more. All commands are executed through an easy-to-use graphic interface. QuasarSound supports all popular Amiga parallel sound samplers. QuasarSound's truly unique feature is the ability to create long-playing play disks. By sampling directly to diskette, you can record sampled sounds longer than the capacity of your internal RAM on up to four disks at the same time to create auto-boot play disks. $59.95
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Original modular recording; record, edit, and assemble your music in convenient blocks called patterns. 96 patterns of arbitrary length up to 545 beats. 2,304 independent sequences, 24 tracks x 96 patterns, 99 links for songs. Create music without having to stop. Full real-time interaction; all 16 MIDI channels may be controlled simultaneously; comprehensive screen window display. Simple mouse/menu/keystroke interface, and more. $150.00
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Tiger Cub
A 12-track sequencer with real-time graphic editing and instant standard musical notation for display and printout. Fully MIDI compatible, yet no MIDI is required. For the beginner as well as the semi-professional. $99.00
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C-ZAR
Editor librarian for Casio CZ-101, CZ-1000, and CZ-1 synthesizers. Includes 200 pro sounds, easy start up, automatic loading, saving, and cataloging of disk sounds. Cut and paste, duplicate, rename, and delete sounds, banks, and disk files. Overlays large, color coded, and dragable sound envelopes on a logarithmic time display. Continuous display and sound updating, flexible undo feature. Mouse operation features intuitive panel displays. 200-note sequencer, 80-page indexed manual, much more. $99.00
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CZ Rider
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Multitasking graphic editor librarian for the Roland D-110. Point-and-click editing of all parameters. Requires MIDI interface. $149.00
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DWEL
DWEL is an Editor and Librarian for the Korg DW-8000 Synthesizer that uses the Amiga's advanced computing environment and a MIDI interface to connect the two. DWEL has two different screens: one the librarian, the other a patch editor. DWEL's librarian is an advanced system for storing, retrieving, arranging, and sending patch (instrument) sounds through MIDI. The Editing features of DWEL are simple and logical, but also very powerful. It is no longer necessary to remember parameter numbers and settings to alter or create sounds. DWEL's editor graphically illustrates all characteristics of the patch's sound. $79.00
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ESQ-1 Caged Artist
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Kawai K-5
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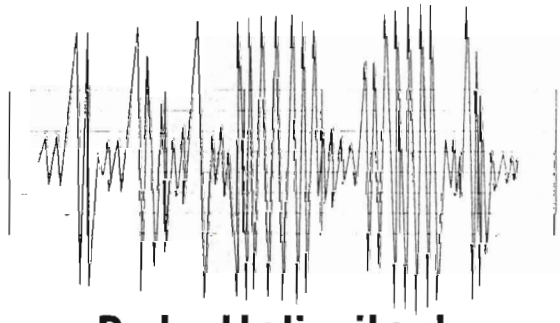

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PCM-70 Caged Artist
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Roland D-50 Caged Artist
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Roland MT-52 Caged Artist
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Sound Quest CZ Master Librarian
Master editor/librarians available for both PC and the Amiga, to store, retrieve, modify, and create sounds to be used with the Casio CZ series. $125.00
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Sound Quest D-10 Master Librarian
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Sounds for the Yamaha DX Series. $49.00
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Here are 3 disks filled with all new and original 8 Amiga digitized sampled sounds. They have been tested with a dozen Amiga music and hypermedia programs, and are the first of planned library of new samples. The sounds can either be used as is to help Amiga musicians create their music, or each sample can be edited further in an Amiga sound editor to produce even more varied results. These are not repeats of previous Amiga sample releases. $59.95
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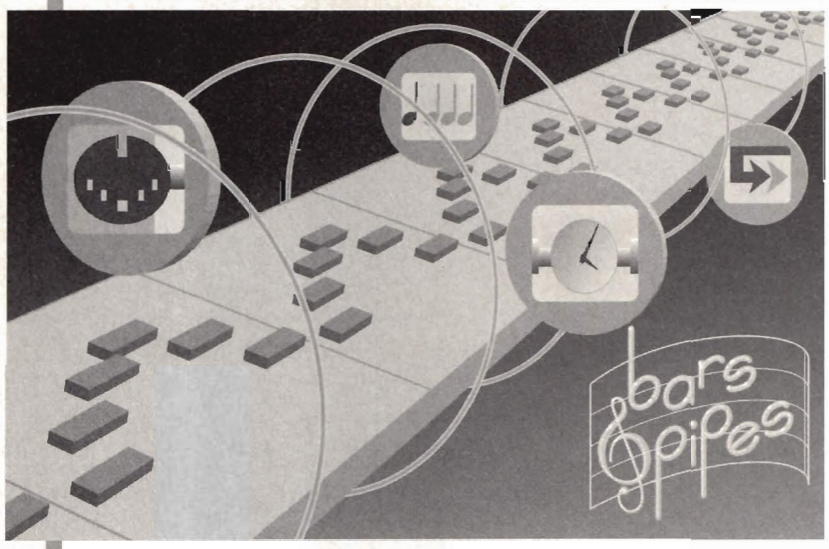

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MIDI-Mice
MIDI-Mice is a man-machine interface for the Amiga, for use in your interactive hypermedia productions and performances. By emulating all mouse and keyboard functions, MIDI-Mice software allows you to control virtually any video, music, or paint programs from your MIDI instruments. $85.00
Tensor Productions, 280 Mathilda Drive No.9, Goleta, CA 93117, (805) 685-2994

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Database system for performing musicians that tracks MIDI information (synth presets, patch banks, sequences, etc.) for songs in repertoire to automate MIDI setup. Includes a MIDI file sequence player. Contains set-building tools to organize material for live performances. Database is entirely user configurable, is mouse driven, supports standard MIDI files, and runs in both interlace and non-interlace modes. The song selection features a large font easily readable from a distance of up to 30 feet from the screen. $165.00
Pregnant Badger Music, 10010 Biscanewoods Way, Sacramento, CA 95827, (916) 361-8217

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Your creativity combines with the Amiga's amazing musical capability to produce unlimited original sound effects. Choose from PRESET parameters to recreate well-known sound effects, or choose from the fully flexible parameters to create your own new sound effects. All sound processing occurs instantaneously—the samples do not have to be saved previously. You need no musical training to use this software.
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• MISCELLANEOUS •

Audio Digitizer
High-quality parallel port digitizer with mic/line level switch, gain and variable filter controls. Input via two RCA jacks. Please call or write for price.
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Australia 5035, 011-61-8-293-8752

DNA Music
Plays music based on DNA sequences. Features menu choice of DNA, speed, tone, and channel. Two octaves in the key of C. $19.95
Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

Fractal Music
Music based on fractal mathematics. Two octaves in the key of C, graphics of filled polygons, and 640 x 240 resolution. $19.95
Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

Internal Sounds Kit
With the Internal Sounds Kit, you no longer need MIDI to compose and create. This package, part of the Bars&Pipes Add-on Series, provides the keyboard, the instruments, and the player and includes: Spare Keys (tool), which allows you to enter notes with the mouse or Amiga keyboard; Amigophone (tool), which lets you load an unlimited number of IFF sounds and adjust high or low fidelity, fine tuning, modulation, octave shift, pitch bend, vibrato rate and depth, emphasis, attack, release, and volume. $59.95
Blue Ribbon Bakery Inc., 1248 Clairmont Road Suite 3D, Atlanta, GA 30030, (404) 377-1514
please see display ad page 61

MindLight 7
Combined with Visual Aurals I graphic arts software, generates real-time animated graphics that derive their energy from any music or other audio source. Music affects the color, movement, object shapes, and patterns in a number of different ways. Can be combined with any IFF picture in any resolution or any IFF brush. Also combines with LIVE! by A Squared. Includes an oscilloscope and a frequency counter for analyzing and a MIDI player and recorder which accepts IFF music files or files compatible with Dr. T's music software. $198.00
Visual Aural Animation, P.O. Box 4898, Arcata, CA 95521, (707) 822-4800

Multi-Media Kit
With the Multi-Media Kit, you can coordinate your music with other Amiga applications, including Elan Performer, DeluxeVideo III, CanDo, AmigaVision, Deluxe Music Construction Set, Sonix, and Digi-Paint 3. $59.95
Blue Ribbon Bakery Inc., 1248 Clairmont Road Suite 3D, Atlanta, GA 30030, (404) 377-1514
please see display ad page 61

MusicBox A
MusicBox A, part of the Bars&Pipes Add-on Series, opens new doors in computer composition. From the musical to the technical, MusicBox A features some of the following: Accompany B+ (Tool), which creates sophisticated accompaniments using chords and rhythms; Amazing Grace Notes (Tool), which performs grace notes and turns; ARexx In (Tool), which works in tandem with Controlled Bypass Send and Time Bypass Send. $59.95
Blue Ribbon Bakery Inc., 1248 Clairmont Road Suite 3D, Atlanta, GA 30030, (404) 377-1514
please see display ad page 61

MusicBox B
MusicBox B, a member of the Bars&Pipes Add-on Series, contains the following Tools and Accessories: Alternator (Tool), which sends every other note to a different track; Arpeggi-8 (Tool), which allows you to create arpeggios, drum patterns, and strumming effects; 4 CheckPoint MIDI and Ins and 4 CheckPoint MIDI Outs (Tools), which in conjunction with The Serial Solution provides 80 separate MIDI channels for Bars&Pipes. $59.95
Blue Ribbon Bakery Inc., 1248 Clairmont Road Suite 3D, Atlanta, GA 30030, (404) 377-1514
please see display ad page 61

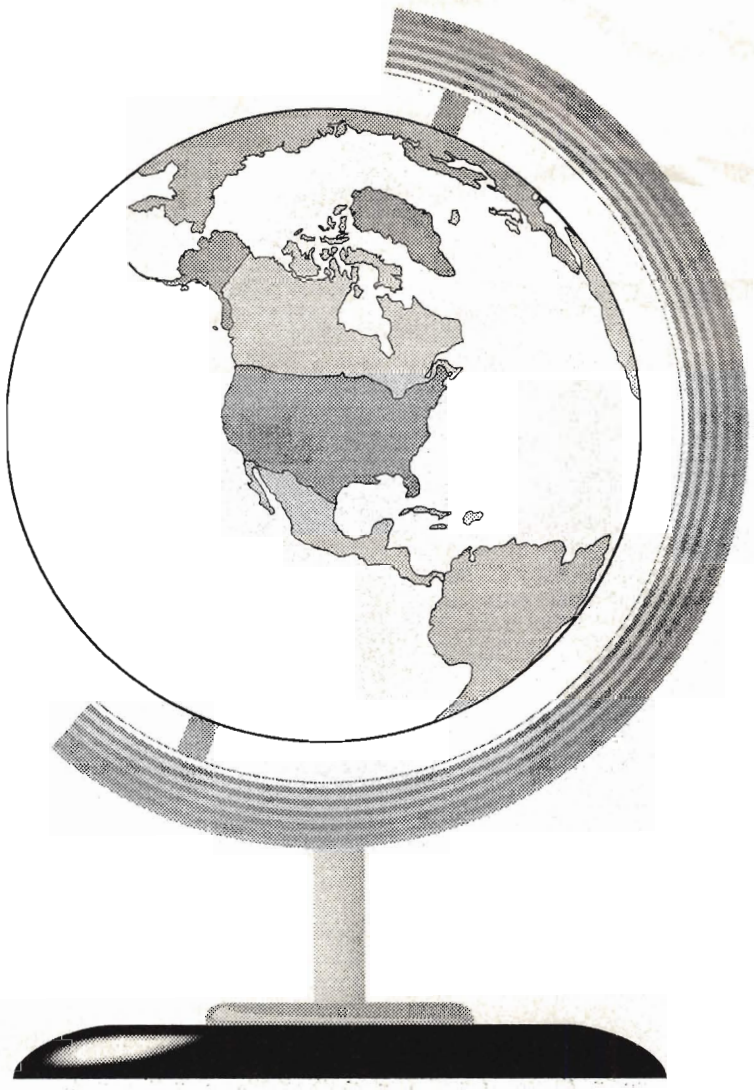
Pattern Splatter
Random-sequence generator that deals with arpeggiation patterns, randomizes various MIDI parameters within user-controlled ranges. $49.95
Mimetics Corporation, P.O. Box 1560, Cupertino, CA 95015, (408) 741-0117

Protein Music
Plays music based on protein amino acid sequences. Menu choice of protein, speed, tone, and channel. With two octaves. $19.95
Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

RXMix
16-channel programmable mixer for Yamaha RXII drum machines. $79.95
Pregnant Badger Music, 10010 Biscanewoods Way, Sacramento, CA 95827, (916) 361-8217

Rules for Tools
Now you can create you own tools from scratch using this comprehensive guide to the ins and outs of Bars&Pipes. Rules for Tools, part of the Bars&Pipes Add-on series, includes over 100 pages of documentation plus plenty of source code examples. To order your copy of Rules for Tools, send a check or money order. $49.00
Blue Ribbon Bakery Inc., 1248 Clairmont Road Suite 3D, Atlanta, GA 30030, (404) 377-1514
please see display ad page 61

Waveform Easel
Use the mouse to draw any curve to define waveform tables that the Amiga uses to make sounds. $19.95
Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583



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• GENERAL •

Hyperchord
Hyperchord is a dynamic riff sequencer, designed for professional musicians but addictive fun for amateurs (teachers take note). The principle behind Hyperchord is that most music is based on short themes and motifs, which are then varied in rhythm, pitch, and order to create larger musical movements. Hyperchord lets you create riffs (sequences) of up to 40 notes using such original features as Riffwaves, Weave, Smear, Rotate, and Expand; then store and manipulate in real time, varying pitch, speed rhythm, volume, note order, orchestration, harmonies, and thrill. For intense riffing, switch between 60 user-defined scale modes and 40 rhythms, or employ unique cyber-musical tools such as Holistic Play and Vector Play. Three utilities included: Mode Maker, Rhythm Maker, and Holistic Window. $159.00
Hologramophone Research, 638 Summit Ave., St. Paul, MN 55105-3435, (612) 228-9142

Japanese 1
An intro to basic language and written Japanese. Uses the Amiga's built-in speech to teach pronunciation an incorporate customized fonts to teach written Japanese characters. The manual further develops grammar skills tought in the programs. $41.95
Education Tutorial Software, 10811 Ashton Ave, Suite #209, Los Angeles, CA 90024, (213) 470-6205

Pixound
Pixound is a radical new concept in musical software, transforming visual art into music. Unlike other programs which provide the computer equivalent of a light show, Pixound allows you to use the musical fingerprint of any image to create, play, and record complex new music. The novice musician or computer user can move from Bach to Rock by simply moving the mouse. The virtuoso too will thrill at the Pixound adventure of playing a new and unique instrument with every new screen. $99.00
Hologramophone Research, 638 Summit Ave., St. Paul, MN 55105-3435, (612) 228-9142

Ready Robot Club Disk Magazine
For families with children 5—12. Over 2 megabytes of educational fun. No shareware—all original programming, graphics, & sound. Four easy-to-use mouse-operated menus. Global speech toggle. Stories, Field Trips, Science Experiments, Music, Projects, Reviews, Parents' Corner, Space Puzzle, Memory/Concentration, slider Puzzle, Connect The Numbers, Maze, Jokes & Riddles, and Find The Words. Access to peripheral software for specific age groups and interests. Available by direct subscription. Requirements: 1MB and two drives. USA: $28 for 6 mos./3 issues, $48 for 12 mos./6 issues; Canada: $30 for 6 mos./3 issues, $50 for 12 mos./6 issues; others: $33 for 6 mos./3 issues, $54 for 12 mos./6 issues
Signs Etc. by D. Knox, P.O. Box 628, Carmichael, CA 95609, (916) 944-4282

• BIOLOGY •

Biology By Martha: Human Biology CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition (1 disk). $79.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology By Martha: Human Biology HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high school edition (1 disk). $39.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology By Martha: Invertebrate Animals CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition (1 disk). $79.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology By Martha: Invertebrate Animals HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high school edition (1 disk). $39.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology By Martha: Microbiology CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition (1 disk). $79.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology By Martha: Microbiology HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high school edition (1 disk). $39.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology By Martha: Plants CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition (1 disk). $79.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology By Martha: Plants HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high school edition (1 disk). $39.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology By Martha: Reproduction CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition (1 disk). $79.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology By Martha: Reproduction HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high school edition (1 disk). $39.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology By Martha: Vertebrate Animals CE
Provides graphics, explanations, and tests for self-study and reference. This is the college edition (1 disk). $79.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology By Martha: Vertebrate Animals HSE
Provides graphics, explanations, and tests for self-study and reference. This is the high edition (1 disk). $39.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology by Martha College Edition
Combination human-biology and micro-biology. $199.95
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Biology by Martha High School Edition
Combination human biology and microbiology. $99.95
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Birds 'N' Bees
Facts of life instruction. $14.95
Intracorp, Inc., 14160 S.W. 139th Court, Miami, FL 33186, (800) 468-7226

• BUSINESS •

Starting a New Business
Realistic simulation teaches the principles of starting a new business venture. $59.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

The Ad Game
Learning objective is to read a vertical bar graph and interpret the data for maximum results. The student is given a product to sell and profile the age groups that buy it. The goal is to use the most effective advertising medium (radio, TV, newspaper, and magazine) to reach the greatest audience. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

• ECONOMICS •

Spell M-O-N-E-Y
The learning objective is to identify the definitions of basic economic terms. The student's goal is career advancement and security through education and promotion. Wages and saving may increase as a part of performance evaluation. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

• ELEMENTARY •

A Christmas Carol
Complete bookdisk of Dickens' *A Christmas Carol* with at least 10 illustrations and talking slide show. Two disks. $7.00
Jumpdisk, 1493 Mountain View Ave., Chico, CA 95926, (916) 343-7658

ABCgames
Five levels of alphabet-playing fun. Exercises begin with introduction to individual letters, followed by the entire alphabet, finding letters on the screen, keyboard letter entry, and finally the spelling of simple words from modifiable lists. Tutorials on mouse and keyboard use included. Intended for preschool to second grade users. No reading or writing skills required. ABCgames is designed specifically for the Amiga, and fully utilizes the music, speech, animation, and color capability of the computer. Requires 512K memory with mouse. Operates on Version 1.2 or higher system. ABCgames is not copy protected. $30.00
Parth Galen, 6821 Trotter Rd., Clarksville, MD 21029, (301) 531-3527
please see display ad page 67

Aesop's Fables
Twelve illustrated stories with reading and vocabulary questions, 800-word spelling list. Ages 6-9, 1-2 players. Four different learning games are included. You may also add your own weekly spelling lists for practice. Memory game options include matching pictures to pictures, pictures to words, words to words, or words to contractions. Uses speech and great graphics. $49.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

CD-901 Education Disk One
MicroEds Education Disk One. For Commodore's new CDTV includes a group of ten programs designed for the family with varying ages and interests, included is interactive software ranging from beginning reading and early math to high level vocabulary exercises and a Planet Probe program that uses a non-violent game format to provides factual information about our planetary system. Priced at $99.00, this CDTV disk offers educational software for less than ten dollars per program. $99.00
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

EDUCATION

Clock Works
Version 1.1 PAL and NTSC available now. Teaches telling the time and introduces number ideas. Clocks of four sorts and shapes with digitized sound: Cuckoo, Westminster chimes, and human speech. Digital clock has 24-hour option. Works in clocksetting and question modes.
Hokianga Software, Campbell Street (P.O. Box 67), Rawene, Hokianga, Northland, New Zealand, Starnet TZQ 146, 011-64-8-875-7761

Coloring Disk #1-Alphabet
To be used with My Paint, Coloring Disk #1 presents all the letters of the alphabet with a corresponding drawing to color in. Each letter also has accompanying digitized speech, which enunciates the name of the letter and the object or animal next to it. All new drawings include: cake, duck, fruit, elephant, goat, kite, owl, inchworm, vegetables, xylophone, watermelon, jam, bear, and more! $29.95
Centaur Software Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213)542-9998

Coloring Disk #2-Majelix
To be used with My Paint. Coloring Disk #2-Majelix is a beginning reading method based on phonics and sight reading. The Majelix coloring disk provides an introduction to all twenty-nine of the Majelix characters. The names of these enjoyable characters contain all the clues to the series one phonics code. These coded names provide the child with an easily accessible unconscious reference to the phonics code. $29.95
Centaur Software Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213)542-9998

Crayons And Rainbows
Teaches preschoolers about colors in a fun game format with animated characters and colorful graphics. Requires 1 MB RAM and 2 disk drives. $19.95
Trumor Company, Inc., The, 2745 201st Ave NW, Oak Grove, MN 55011, (612) 753-5050

Dinosaur Discovery Kit by First Byte
Zug the Megasaurus is a fun, talkative character that introduces children to a wealth of learning activities with one of their favorite subjects ... dinosaurs. It is rich in graphics, enhanced with unlimited text-to-speech and effective in building children's skill. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Discover Chemistry
Test your knowledge of melting points, density, and the periodic table. Bonus programs include origins, notable people, and events. Ages12 to adult. $19.95
Maverick Software, Inc., 4018 West 65th Street, Minneapolis, MN 55435, (612) 926-0302

Discover Math
Math is made exciting and easy! Users choose from decimals, orders of operation, base switch plus algebraic, and linear & quadratic equations. Ages10 to adult. $19.95
Maverick Software, Inc., 4018 West 65th Street, Minneapolis, MN 55435, (612) 926-0302

Discover Numbers
This comprehensive package includes addition, subtraction, multiplication, and division plus a time section covering hours, days, and dates. Ages8 to adult. $19.95
Maverick Software, Inc., 4018 West 65th Street, Minneapolis, MN 55435, (612) 926-0302

Discover U.S. History / Geography
This complete package contains History and Geography programs. Discover the Union States, its Presidents and notable people, and events in History. Then test your knowledge of areas, population, and distances. Ages 8 to adult. $19.95
Maverick Software, Inc., 4018 West 65th Street, Minneapolis, MN 55435, (612) 926-0302

Discover the Alphabet
Users cover everything from letters and abbreviations to words containing three, four, and more letters in this exciting but challenging program. Ages 6 to adult. $19.95
Maverick Software, Inc., 4018 West 65th Street, Minneapolis, MN 55435, (612) 926-0302

Early Math MA-902
Includes Adding With Objects, Subtracting With Objects, What Number is Missing?, and Count 'Em. $49.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Electric Crayon Deluxe: All Dogs Go To Heaven
Simply point and click on the color palette of 24 colors (there are 4,906 colors available), then click the crayon in the area you want to fill! The Electric Crayon Deluxe computer coloring books offer Custom Banner, Calendar, and Poster-making capabilities, and digitized sound. Design a banner with a colored picture at each end and your personal message in the middle. Write poster messages to be displayed below your work of art, or print the picture with the computer-supplied description that will describe facts about the animal you've just colored! Make calendars and mark special occasions with 64 colored stickers enclosed in the package. $12.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Electric Crayon Deluxe: At the Zoo
The next best thing to being there! As each picture is accessed, a digitized sound file is played of the lion, tiger, bear etc. You can color the picture and play the sound over an over. There is also a Description file to accompany each picture containing information and little known facts about the featured animal. Each picture can be printed in color and black-and-white with one of six print options, including: Custom Banner, Personalized Message, Print with Description, and Print with Calendar. A sheet of 64 color stickers is included to mark special days on the calendars. $12.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Electric Crayon Deluxe: Dinosaurs Are Forever
Dinosaurs Are Forever will grab the imagination of children of all ages as digitized sounds of a dinosaur are played with each picture. You can color the picture and play the sound over and over. There is a Description file to accompany each picture containing information and little known facts about the dinosaur shown. Each picture (26 total) can be printed in color and black-and-white with one of six print options, including: Custom Banner, Personalized Message, Print with Description, and Print with Calendar. A sheet of 64 color stickers is included to mark special days on the calendars. $12.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Electric Crayon Deluxe: Holidays & Seasons
Holidays & Seasons (with digitized sound) promises to provide hours of entertainment and learning for all ages. Simply point and click on the color palette of 24 colors (there are 4,906 colors available), then click the crayon in the area you want to fill! The Electric Crayon Deluxe computer coloring books offer Custom Banner, Calendar, and Poster-making capabilities. Design a banner with a colored picture at each end and your personal message in the middle. Write your own poster message to be displayed below the work of art, or print the picture with the computer-supplied description that will tell you all about the holiday or season you've just colored! Make calendars and mark special occasions with 64 colored stickers enclosed in the package. $12.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

First Letters & Words by First Byte
Talking computer friend teaches young children letters and words, upper case and lower case letters, and helps build reading vocabulary. Ages 3-8. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

First Shapes by First Byte
Talking computer tutor teaches geometric shapes to children. Encourages children to make toys, or challenge skills in a matching game. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Gifted Artists Preschool Collection Volume One
The modules include Fun with Shapes, Alphabet Time, Animal Friends, Fun with Colors, and more. Each was designed to provide quality computing experience for parents and their children, ages 1-4. Using color, digitized sound, animation, speech, and mouse control, this collection sparks the imagination of your child as only the Amiga can. $19.95
Gifted Artists, 1703 Kennoway Rd., Baltimore, MD 21234. (301) 347-8274 before 5

KidTalk by First Byte
Talking notebook reads back in male or female voice. Pull-down and graphic menus; built-in pronouncing dictionary; guided tour and Help screens; options for editing, printing, and secret coding. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Kim
PAL and NTSC versions available now. This is ostensibly a memory development game (Kim's Game- Rudyard Kipling) with recognition of letters, numbers and common articles, but is valuable for development of basic reading skills and many other purposes. Provision for teacher/parent modification.
Hokianga Software, Campbell Street (P.O. Box 67). Rawene, Hokianga, Northland, New Zealand, Starnet TZQ 146, 011-64-8-875-7761

Kinderama
Five talking games with animated graphics. Beginning addition, subtraction, upper and lower case letters, and more. Awarded "Best Educational Program of 1988" by Commodore. Uses speech to enforce learning. Also includes a Robot Construction Set for creative fun. $49.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

LOOK!HEAR!
LOOK!HEAR! is designed to help with the learning of two hundred and forty "sight words". These are the words which a child should be able to recognize and pronounce instantly without spelling them out phonetically: that is, the core of words which children will encounter up to and including the eight year level, plus a few other common nouns. $40.00
Hokianga Software, Campbell Street (P.O. Box 67), Rawene, Hokianga, Northland, New Zealand, Starnet TZQ 146, 011-64-8-875-7761

Little Red Hen (story diskette)
Enjoy the story of the Little Red Hen as she works, plants, and harvests the wheat. Make flour and bake bread, while enjoying digitized and synthesized sounds, music, and animation. For use with Talking Storybook reader diskette. $29.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

Match-it
Teaches children basic colors and shapes through games and tutorials. $39.99
Other Guys, The, 55 N. Main, Suite 301D, P.O. Box H, Logan, UT 84321, (801) 753-7620

My Paint
My Paint is an educational paint program with built-in coloring book. It has wonderful graphics and great digitized sounds, and is easy to use for children. $49.95
Saddleback Graphics, distibuted by Centaur Software, 3621 W. MacArthur Blvd. Suite #11, Santa Ana, CA 92704, (714) 540-4062

My Paint 2.0—"The Paint Program Just For Kids"
My Paint is an easy-to-use, educator-approved, and classroom-tested paint program which has been designed especially for children. Everything about it, from the color of the program disk to easy user interface with animated icons was designed with youngsters in mind. The interface is entirely based upon intuitive icons and no reading skills are required. Features include colorful, animated icons for all tools, a complete "coloring book" of pictures to be colored, sampled sounds which accompany each picture, multiple brush sizes, special "surprise" pictures, painting and mirror modes, special effects, color cycling, and more. As enhancements to the program itself, a series of optional, educational "coloring book" disks which teach the alphabet, phonetics, reading skills, and other concepts to young minds are also available. Upgrades are available to registered users for $14.95. $49.95
Saddleback Graphics, distibuted by Centaur Software, 3621 W. MacArthur Blvd. Suite #11, Santa Ana, CA 92704, (714) 540-4062

My Paint Coloring Disk #1
Alphabet Fun! Each of the letters of the alphabet is presented with an amusing, interesting drawing for kids to color in. All the letters of the alphabet have digitized speech accompanying them, saying the name of the letter and the corresponding object or animal. Great, educational fun for all young children.
Saddleback Graphics, distibuted by Centaur Software, 3621 W. MacArthur Blvd. Suite #11, Santa Ana, CA 92704, (714) 540-4062

My Paint Coloring Disk #2
Majelix is a beginning reading method based on phonics and sight reading. The Majelix coloring disk provides an introduction to all 29 of the enjoyable Majelix characters. The Majelix character names provide children with a powerful reference to the English phonics code which helps them with their reading skills.
Saddleback Graphics, distibuted by Centaur Software, 3621 W. MacArthur Blvd. Suite #11, Santa Ana, CA 92704, (714) 540-4062

A B C games
PERSONALIZED CHILDREN'S GAME
Designed for Ages 4 to 7
Learn the Alphabet and Have Fun
Animation, Pictures, Letters, and Song
$30.00
Check or COD - Maryland Residents Add 5%
Dealer Inquiries Welcome
PARTH GALEN
6281 Trotter Road, Clarksville, Maryland 21029
301 - 531 - 3527
Circle 115 on Reader Service card.

Nimble Numbers
Count, add, subtract, multiply, and divide. Preschool to age 8. Remedial: used in New Zealand schools. Bright graphics, and natural digitized speech.
Hokianga Software, Campbell Street (P.O. Box 67), Rawene, Hokianga, Northland, New Zealand, Starnet TZQ 146, 011-64-8-875-7761

Nursery Rhymes (story diskette)
Children learn to read with familiar rhymes such as Jack and Jill, Humpty Dumpty, Little Miss Muffett, and more. For use with Talking Storybook reader diskette. $29.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

RE-910 Learning the Alphabet
Learning the Alphabet Teaches children to recognize upper- and lower-case letters in the proper order. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

RE-915 Beginning Reading
Beginning Reading Skills 4 Disks, grades K-3. Over 1000 words in sentences varying in difficulty from "A man ran." to "See a hawk float in the breeze." $89.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Read & Rhyme
Outer-space theme. Talking language arts activities in phonics, reading, rhyming, and more. Ages 5-10, 1-2 players. $49.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

EDUCATION

Read-a-Rama
Talking program with 6 language arts activities. Includes authoring system for parents to create lessons. Ages 5-8 (2 disks). Parents may add weekly spelling lists for practice. $59.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

Reading Adventures 1–3
Interactive reading game allows players to participate in completing the story. Adventure 1, $39.95; Adventures 2 and 3, $59.95. $39.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Reading and Thinking I–III
Reproducible classroom exercises in inferential thinking and reading comprehension. Three volumes; $54.95 each. $54.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Robot Readers: Aesop's Fables
Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. $29.95
Hilton Android, P.O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

Robot Readers: Chicken Little
Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. $29.95
Hilton Android, P.O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

Robot Readers: The Ugly Duckling
Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. $29.95
Hilton Android, P.O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

Robot Readers: Three Little Pigs
Reading game uses popular fairy tales to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. $29.95
Hilton Android, P.O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

Robot Readers: Little Red Hen
Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. $29.95
Hilton Android, P.O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

Robot Readers: Noah's Ark
Noah's Ark is the seventh program in the talking Robot Readers series for the Amiga computer. Beautifully illustrated classic stories for preschool through primary grade children, Robot Readers combine the latest research in the field of reading with the unique capabilities of the Amiga computer. Advanced mouse-driven features include: each word changes color as it is spoken aloud, an adjustable reading speed, point-and-click for the whole word and letter sound out, a Find-the-Word game, and audio/visual identification of the characters and objects in the illustrations. $29.95
Hilton Android, P.O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

Robot Readers: The Three Bears (Goldilocks)
Reading game uses popular fairy tale to help children learn to read. Each word changes color as it is read aloud. Adjustable reading speed. $29.95
Hilton Android, P.O. Box 7437, Huntington Beach, CA 92615, (714) 963-4584

SmoothTalker by First Byte
Converts English text or numbers into natural sounding speech. Use it to proofread, tell stories, etc. Adjust gender, pitch, tone, volume, and pronunciation. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Tales From The Arabian Nights
Three stories with graphics, questions, and glossary. Several games, mini-word processor. Ages 8-12, 1-2 players (2 disks). Talking program helps develop important comprehension and vocabulary skills. $49.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

The Adventures of Sinbad
Three stories, over 600 questions. 1-2 players. Join Sinbad to earn his fortune and see the world. Includes mini-word processor, and more. This talking program builds vocabulary and comprehension skills. $49.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

The Legend of Sleepy Hollow
A complete bookdisk of *The Legend of Sleepy Hollow*. Includes over 10 illustrations and talking slide show. $4.00
Jumpdisk, 1493 Mountain View Ave., Chico, CA 95926, (916) 343-7658

The Sesame Street Crayon Series: Letters for You
The Sesame Street gang introduces children to the ABCs. Offers coloring entertainment and education. Contains dozens of reusable pictures with point and click coloring. Includes digitized sound files of childrens' voices describing each picture, which can be played over and over. There is also a poem accompanying each picture to enhance learning. Each picture can be printed in color or black-and-white with one of six print options including: Custom Banner, Personalized Message, Calendar, and Print with Description. There is a sheet of 64 stickers included to mark special days on the calendars. $12.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

The Sesame Street Crayon Series: Numbers Count
The Sesame Street gang introduces children to numbers and offers coloring entertainment and education. Contains dozens of reusable pictures with point-and-click coloring. This program includes Digitized Sound files of children's voices describing each picture, which can be played over and over. There is also a poem to accompany each picture to enhance learning. Each picture can be printed in color or black-and-white with one of six print options which include: Custom Banner, Personalized Message, Calendar, and Print with Description. There is a sheet of 64 stickers included to mark special days on the calendars. $12.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

The Sesame Street Crayon Series: Opposites Attract
The Sesame Street gang introduces children to opposites. Offers coloring entertainment and education. Contains dozens of reusable pictures with point-and-click coloring. This program includes digitized sound files of children's voices describing each picture, which can be played over and over. There is also a poem accompanying each picture to enhance learning. Each picture can be printed in color or black-and-white with one of six print options including: Custom Banner, Personalized Message, Calendar, and Print with Description. There is a sheet of 64 stickers included to mark special days on the calendars. $12.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

The Talking Animator
Easy-to-use page flipper. Gives each frame its own palette of colors from 4096 total. Incorporates talking text into any page of graphics to give you the ultimate doodle pad for creating stories or cartoons. All documentation online, just press the Help key. Ghosting feature lets you see images from previous pages for graphics placement and smooth animation. The output works well with genlocks. Runs with 512K, but 1MB is recommended. Shipped with data disk full of animations and details for submitting your creations to the The Talking Animator. $49.95
JMH Software, 7200 Hemlock Lane, Maple Grove, MN 55369, (612) 424-5464

The Talking Coloring Book
Talks to the child and teaches color recognition. Drawing option allows children to draw, color, and print their own pictures. In practice option, using a teacher approach, the computer patiently helps preschoolers learn colors and the color words. $29.95
JMH Software, 7200 Hemlock Lane, Maple Grove, MN 55369, (612) 424-5464

The Talking Storybook (reader diskette)
Teaches reading skills by example. No reading skills are necessary to operate, works for pre-readers also. Uses digitized and synthesized sounds, 4-part harmony music, and animation. Read pages sequentially, flip to any page forward or backward. Requires reader diskette. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

The Three Bears (story diskette)
Enjoy a familiar story while learning to read or improve reading skills. Uses digitized sounds, entertaining graphics, and 4-part harmony music. For use with Talking Storybook reader diskette. $29.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

The Wonders of the Animal Kingdom
Six activities teach about the animal kingdom and develop reading and vocabulary skills. 1-4 players, graphics, voice. Age 6-12. $49.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

• ENGLISH •

Antonyms
Antonyms are the focus of this interactive teaching program. Each lesson gives the learner practice in supplying the antonyms of words presented by the computer. The student can request help from the computer as needed. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

CP-941 Capitalization
Capitalization teaches students how to capitalize words correctly within sentences. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Complete Practical Composition Series
Practical Composition I-V. Improve your writing skills with this 5-disk set. $229.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Cross-Links
A word-find game that allows players to use their own words to build puzzles. Fun for ages 7 to 70. $40.00
Poco Loco, 354 Palatine Park Road, Germantown, NY 12526, (518) 537-5923

GR-910 Basic Grammar
Basic Grammar teaches students to identify nouns, verbs, adjectives, prepositions, conjunctions, and interjections. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

How to Spell
A tutorial on the rules of spelling. $39.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Image Spinning (Creative Writing)
This program provides practice in putting together effective images that can be used in almost any kind of creative writing, especially in poetry. Throughout this exercise, the computer acts as an idea starter, while the final results are entirely the student's own. $49.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Land of the Unicorn
Educational program for grades 3-8 covering synonyms and antonyms, as well as problem solving. Includes intricate maze game. $49.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

PU-940 Punctuation
Teaches students how to punctuate properly. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Practical Composition V
Using words correctly. $44.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Practical Composition I
Making words work. $44.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Practical Composition II
Logical, clear sentences. $74.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Practical Composition III
Selecting the best approach. $44.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Practical Composition IV
Making sentences work. $44.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Practical Composition Package I
Includes Volumes I through III. $144.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Practical Composition Package II
Includes Volumes IV and V. $144.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Practical Vocabulary
High school-level drill for recognition and use of definitions, antonyms, synonyms, word roots, and prefixes. $54.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

SP-902 Spelling
Blends speech with screen printed text. For grades 2-6. Eighteen programs per grade-level disk, 360 words, spelling, and pronunciation. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

EDUCATION

SP-903 Spelling
Blends speech with screen printed text. For grades 2-6. Eighteen programs per grade-level disk. 360 words, spelling, and pronunciation. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-904 Spelling
Blends speech with screen printed text. For grades 2-6. Eighteen programs per grade-level disk. 360 words, spelling, and pronunciation. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-905 Spelling
Blends speech with screen printed text. For grades 2-6. Eighteen programs per grade-level disk, 360 words, spelling, and pronunciation. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-906 Spelling
Blends speech with screen printed text. For grades 2-6. Eighteen programs per grade-level disk, 360 words, spelling, and pronunciation. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

SP-907 Spelling Detective Game
Learn how to spell the 100 most frequently misspelled words. Also teaches the use of phonemes. $39.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Spell-A-Fari
Uses synthesized and digitized speech to teach spelling skills. Create and edit spelling lists of up to 54 words. High-quality graphics animations. Six games to print to the printer or play from the computer. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

Speller Bee by First Byte
Talking speller coach encourages students in three challenging word games. Use 150-word list, or make your own. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Spelling 1
Expansion Disk for Discovery Spelling game for grades 1 through 10. Requires Discovery program disk. $19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Spelling 2
Expansion Disk for Discovery Grades 9 through 12. Spelling proficiency advances through ten levels. Requires Discovery program disk. $19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Spells-It-Right
An interactive spelling checker with 50,000+ and 90,000+ word, fast, memory resident, compressed, and main dictionaries. No copy protection for easy installation to hard disks. Automatically backs up original files. User dictionaries for storage of unique jargon, names, and acronyms. Guessing for misspelled words. Executable from Workbench or the command shell. Reads and writes ASCII files for compatibility to editors and most word processors. Money-back guarantee $19.95
Advanced Software Engineering, P.O. Box 441, Sudbury, MA 01776, (617) 963-8394

The Word Master Vocabulary Builder
Four educational activities designed to build word-power skills, including placement test and PacMan-type maze game. Designed for grades 3-8. Expandable with Supplementary Data Disk for grades 9-12. $49.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

Usage Boners
In this series of lessons, the user learns to identify common mistakes in usage, such as, "I should of known", or "He gave it to Mary and I." $49.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

VO-920 Vocabulary Series
Vocabulary Series high-level package includes words from *The New York Times, Atlantic Monthly*, etc. Learner-controlled instruction. $49.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Vocabulary Adventure I–III
Players earn treasures by answering progressively challenging vocabulary questions. Three volumes; $59.95 each. $59.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Vocabulary Series Two
In this series of lessons, the user works with words that have the same, or similar meanings as other words. For example, the words banish and eject could be paired as synonyms. A combination of multiple choice, fill in the blanks, and spelling tasks are involved. The Amiga provides assistance as needed. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

WD-915 Word Demons
A lesson in usage of homonyms and verbs. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Words That Sound Alike
In this program, the student learns to identify and spell words that sound the same but are spelled differently. For example, "wait" and "weight", or "steak" and "stake". The Amiga provides help when needed. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

• ENGLISH AS A SECOND LANGUAGE •

LA-981 Learning English as a Second Language
Five disks per package. English as a second language for the beginner. Features many digitized pictures and the Amiga voice. Mouse controls response. $89.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

LA-982 Learning English as a Second Language
5 disks per package. English as a second language for the beginner. Features many digitized pictures and the Amiga voice. Mouse controls response. $89.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Learning English As A Second Language
This 11-disk series begins the job of teaching English as a second language. Digitized pictures are extensively employed. The Amiga speaks throughout the entire series. The mouse is the response device. Note: This series begins the job of teaching American English as a second language. As such, it is suitable only for persons who do not yet know English. It would be too simplistic for anyone who's beyond that point. $189.00
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

• FOREIGN LANGUAGES •

Audio Gallery-Chinese
Audio Gallery-Chinese is a talking picture dictionary which teaches you the vocabulary of Mandarin Chinese. Includes 25 med-res graphic scenes, 15-30 objects in each scene. Click on the object to see the translation in characters, Pinyin and English, and hear the sound of the word in Mandarin Chinese. Fully digitized voices. Six-disk set includes quizzes and dictionary. $89.95
FairBrothers, 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954
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Audio Gallery-English
Audio Gallery-English is a talking picture dictionary which teaches the vocabulary of American English. Includes 25 med-res graphic scenes, 15-30 objects per scene. Click on the object to see the word in English and Spanish, and hear the digitized sound of the word in English. Manual in English. Six-disk set includes quizzes and dictionary. $89.95
FairBrothers, 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954
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Audio Gallery-German
Audio Gallery-German is a talking picture dictionary which teaches you the vocabulary of Hochdeutsch German. Includes 25 scenes, such as Living Room, Transportation, etc. Point and click on the objects in the picture to hear them pronounced by a native speaker. Includes quizzes and dictionary. Six-disk set. $89.95
FairBrothers, 5054 S. 22nd Street, Arlington, VA 22206, (703) 820-1954
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Audio Gallery-Spanish
Audio Gallery is a talking picture dictionary which helps you learn the vocabulary of a foreign language through illustrations and digitized sounds. Each Audio Gallery consists of 18-25 scenes of general interest, such as weather, shopping, etc., and each scene includes 15-30 digitized words or phrases by a native speaker. Six-disk set. Includes quizzes and dictionary. $89.95
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Beginning German
MicroEd used its powerful C.L.A.S. authoring system in collaboration with a German language teacher to create this original program of foreign language instruction. The Amiga speaks German throughout every lesson, and will not allow the student to enter any incorrect word, or even a single wrong letter! The program assumes the learner knows English. $69.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

French Grammar II
Ten lesson modules. $34.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

French Grammar III
Ten lesson modules. $34.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

French Grammar I
Ten lesson modules. $34.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Kwik-Speak
Lessons in conversational Spanish. Beginning Spanish covers present tense; Intermediate Spanish covers past and future tenses. $49.95
Eclipse Data Management, 511 West Glen Oaks Blvd. Ste 345, Glendale, CA 91202, (818) 243-0313

Linkword
Languages Software and audio tapes. French, German, Spanish, Italian, Dutch, Greek, Portuguese, and Russian. Uses mental imagery to link foreign words to acoustically similar English words. Learn 400 words in 10 hours, less than 1/3 the time of conventional teaching methods. Ideal for travelers, business people, and first year language students. $29.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

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Visual/audio foreign language picture dictionaries, featuring full-color graphics and digitized voices of native speakers.

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Coming soon in:
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How Audio Gallery works:
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LOOK in the lower window to see the correct spelling in English and the foreign language.
LISTEN as the word is pronounced by a native speaker.

Each Audio Gallery includes:
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- Pronunciation Guide - teach yourself new words.
- Quizzes - test your new knowledge.
- For the student, businessman, traveler, etc.
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Manual and five-disk set: $89.95.

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Please specify language when ordering. (English Audio Gallery comes with English manual, Spanish translation)
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EDUCATION

Spanish Grammar I
Ten lesson modules including at least one review of Spanish grammar and vocabulary. $34.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Spanish Grammar II
Ten lesson modules including at least one review of Spanish grammar and vocabulary. $34.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Spanish Grammar III
Ten lesson modules including at least one review of Spanish grammar and vocabulary. $34.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

• GEOGRAPHY •

Australian Graphic Atlas
The Australian Graphic Atlas for the Amiga is ideal for teachers to illustrate their lessons on geography. Using maps of Australia, and the states provide quick access to any part of the country and any type of map. Entirely mouse and menu driven, it features the ability to show maps of climate, land use, flora, fauna, population, minerals, and soils. Each capital city is also featured with its own map and detailed information. 3 disks and over 60 secreens of maps. All maps are IFF-compatible, NTSC/PAL, automatic hard disk installation, and a demo disk is available. $69.95
HC Software Australia, GP.O. Box 2204, Adelaide, 5001, Australia, 011-61-8-344-6897

Choromap
Make maps showing any data for any area. Produce basemaps with the mouse. $51.00
Bassett Geographic, 1103 E. Magnolia Avenue, Auburn, AL 36830, (205) 887-9057

Digital Landscape
Lets the user view in 3D the terrain of any area of the U.S., (excluding Alaska and Hawaii). To view an area, data may be entered either from one of the elevation disks which are included with the package or from a topographic map. Digital Landscape uses the data to produce high-resolution, 3-D wire-frame renderings and color-coded contour maps. User may set map to produce more or less details, rotate map 360 degrees, save to disk as IFF files then transfer to graphics program for the addition of text. Contains over 400,000 elevations taken at regular intervals across the U.S. $124.95
Digiscape Software, P.O. Box 113058, Carrollton, TX 75011-3058, (214) 241-9891

Geography Expansion Disk for Discovery
Physical and political geography and more. Grades 9 through 12. Requires Discovery program disk. $19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Great States II
Fun educational game. Learn important and interesting facts about the United States, with complete tutorials on each state. The game information includes state name, capitol, abbreviation, date entered union, state bird, flower, tree, and bonus trivia questions. A great time for the whole family. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

U.S. Geography
Adventure Game format teaches student to identify states, cities, and other geographical features of the United States. $59.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

VISTA
Vista allows real world landscapes to be displayed and explored while other programs allow wire frame construction of 2000 meter resolution USGS(US Geological Survey) data, Vista renders photorealistic perspective using much more detailed 30 meter USGS data Yosemite, Crater Lake, Mt. St. Helens, and the cladera of Mons Olympusare the first of the "virtual reality" landscapes which can be explored by Vista owners. Vista requires 1MB, displays in HAM, and is AmigaDOS 2.0-compatible. A 2MB version supporting all Amiga screen resolutions with full overscan and animation capabilities, as well as Gouraud shading and 24-bitplane (16.7 million color) output.
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515
please see display ad page 24

World Atlas
World Atlas is the first computerized atlas for the Amiga. It gives you direct access to information and details on more than 170 countries plus all fifty states. With World Atlas you can discover each country's history, population, language, and customs. In addition, World Atlas gives you Earth facts and information about different time sectors and more. To operate the program, you can choose from a displayed world map by clicking on the continent where the country you want is located; then on the location of the country written on the continent. Another way to choose is by using an alphabetical list of the countries. In addition, there is a seek function that allows you to find countries based on information you feed to the computer; such as capital, population, area, or language. $59.95
Centaur Software Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213)542-9998

World Geography Adventure I–IV
Game format teaches student to identify countries, cities, and other geographical features of the world. Four volumes; $59.95 each. $59.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

World Odyssey
World geography in a puzzle format. Select map (12 choices) and answer questions about geography. You control the answer format. Score is kept for the 10 best players. $49.99
Other Guys, The, 55 N. Main, Suite 301D, P.O. Box H, Logan, UT 84321, (801) 753-7620

• HEALTH •

Diabetic Diet Manager
Assists the diabetic in food selection based on his/her doctor's recommendations. $49.95
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Health Med
Comprehensive home medical guide. $99.00
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Nutri-FAX
Nutritionally analyze your recipes for the most common nutrients. Data base utilizes food items from USDA Handbook 8 and allows for easy user expansion. Includes Variety Cookbook Recipe Disk with over 150 recipes edited for home use $59.95
Megiddo Enterprises, 7900 Limonite Ave. Ste. G #191, Riverside, CA 92509, (714) 683-5666
please see display ad page 143

Nutrition Guide for the Home
Provides nutritional information on a personal basis. Recipe analysis, and daily intake analysis. $89.95
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

Nutrition: A Professional Guide
A nutrition planning, reference, and analysis tool for the professional (2 disks). $199.95
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

SC-936 Aids Information Game
Provides basic information on the AIDS virus in a game format for 1-4 people. $39.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Total Control Diet
A high-rech approach to weight control and diet. Personal history and specific daily recommendations. $49.95
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

• HISTORY •

All About America
U.S. history and geography with 16 stories, illustrations, questions, maps, and quizzes. Ages 6-11. 2 disks. Each story is followed by comprehension and vocabulary questions. Map disk covers states and capitals, directions, postal abbreviations, North & South before the Civil War, and colony maps. Uses speech as an extra stimulus. $59.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

American History Adventure
Students meet and identify American historical characters in a challenging game format. $59.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

History
Expansion Disk for Discovery Grades 9 through 12. Ancient through modern history. Requires Discovery program disk. $19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

SS-951 Lewis and Clark Expedition
Five disks. 50 digitized photographs and drawings provide pictorial settings for Lewis and Clark's expedition. $89.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-952 Across the Plains
Two disk set program features 20 digitized pictures depicting the journey of Americans across the Great Plains to the West Coast. $59.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-953 Early Great Lakes
A 3 disk book on the fur trade. Interactive text, 30 digitized pictures of the European-Indian relationship in the 17th-19th centuries. $79.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-954 Making our Constitution
Four disks. Features digitized pictures of the people and events associated with the making of the Constitution. $79.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-955 Transcontinental Railroad
Interactive instructional program with digitized pictures of the story of the transcontinental railroad. $39.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

SS-956 Introducing Maps
Two disks. Digitized pictures. Improves students' knowledge of geography. $59.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

• LOGIC •

Lessons in Reading and Reasoning
The complete four disk Reading and Reasoning series which teaches logic and reading by examining various fallacies. For a more complete description of the individual lessons, please refer to the separate listings below. $149.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Lessons in Reading and Reasoning 1
Lessons in reading and reasoning teach logic and reading by examining various fallacies. Lesson 1 examines shifty-word fallacies and circular reasoning. For grades 9 and up. $39.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Lessons in Reading and Reasoning 2
Lesson two addresses fallacies of inadequate data and the red herring fallacy. For grades 9 and up. $39.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Lessons in Reading and Reasoning 3
Lesson three examines stereotyping. For grades 9 and up. $39.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Lessons in Reading and Reasoning 4
For grades 9 and up. Lesson four examines sexism fallacies and proverbs. $39.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

The Logic Master
Helps develop high-level thinking skills in analogies and number series. Includes fantasy role playing game. Grades 5-12. $49.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

• MATH •

Algebra I
Evaluate, plot, and simplify algebraic expressions. Work with functions, numeric expressions, geometric measurement, systems of equations, and radicals. Find roots and solve quadratic equations, linear equations, more. $49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

Arithmetic
Educational programs for studying and reviewing topics in arithmetic. Includes fractions, percent, square roots, metric system, and more. $49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

Balancing Act
The learning objective is to be able to check a bank statement for errors through addition and subtraction. The student views a checkbook that includes deposits and withdrawals. Errors must be identified. Accuracy and speed are the factors that will either elevate the player to bank president or land in unemployment. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Calculus
Educational program covers general topics in calculus. Includes graphing and a routine to perform symbolic differentiation on any y=f(x) function. Display formulae for multiple derivatives, and plot the function and its derivatives on single graph. Topics include limits, tangents to a curve, minima and maxima, area under a curve using approximation methods, more. $49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

DESCARTES!
2-D graphing package; allows up to 50 equations composed of all standard operators and functions to be displayed simultaneously in a palette of 8 out of 4096 colors. Calculates derivatives of functions instantly. Allows easy formatting of axes, grids, as well as labelling, either linear or logarithmic. $39.95
Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

EDUCATION

Decimal Dungeon
Escape the dungeon master by answering math decimal problems. Age 9 and up. Full-screen explanations are given for incorrect answers. Choose to add, subtract, multiply, divide decimals or to convert them to percents or fractions. Arcade-style game with each player on his or her own difficulty level. $49.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

Discrete Mathematics
Educational foundation for introducing computer science. Construct truth tables, Venn diagrams, build binary trees and do binary searches, compare sorting algorithms under different conditions. Includes True BASIC source code. $49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

Fraction Action
Escape the mad professor by answering math fraction problems. Incorrect answers lead to full-screen explanations. Age 9 and up. Arcade-style game for 1 or 2 players with each in his own difficulty level. Choose to add, subtract, multiply, or divide fractions. $49.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

Fraction Concepts
There are four programs on this disk. They teach the primary concepts and skills needed to work with fractions. Topics include writing proper and improper fractions and mixed numbers, identifying equivalent fractions, and reducing fractions. $59.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-904 Sum-It Mountain
Grades 1-8. Success depends on the student's ability to add numbers rapidly. Carry flag to top of mountain; mistakes return you to the bottom. Clock records climbing time. Brings students to the peak of successful addition! $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-908 Medal Winner
Grades 4-8. Arrange digits of two numbers to produce the highest product. Create a multiplication problem with three digits (four in advanced level) that will produce highest product. Teaches logic as well as multiplication. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

MA-909 Pinball I.Q.
Grades 3-8. Division lessons combined with a video pinball game. Find the whole number part of a quotient in division. Correct answers light up bumpers on a pinball machine and build up score. Game ends when all numbers are lit. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Math 1
Expansion Disk for Discovery Basic four-function math drills for grades 1-7. Requires Discovery program disk. $19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Math Blaster Plus
Math Blaster Plus contains five motivating learning activities covering over 750 basic math facts. The program covers more subject areas than other math programs: addition, subtraction, multiplication, division, fractions, decimals, and percents. An exciting arcade-style game motivates children to learn, while an optional record-keeping feature monitors students' progress. A printed Certificate of Excellence rewards outstanding scores. $49.95
Davidson & Associates, Inc., P.O. Box 2961, Torrance, CA 90509, 800-556-6141

Math Concepts
Expansion Disk for Discovery Grades 9 through 12. Prepare for SATs, practice problems in algebra, geometry, trig, and more. Requires Discovery program disk. $19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Math Doctor
Teach all basic math functions just like the schools do. Whole numbers and fractions, decimals too. Use borrows and carries just as you would on paper. Easy-to-use graphics. Interface with speech and positive reinforcement. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

Math Odyssey
Math in a puzzle format. Math questions are asked. You select the answer. When completed, put together a puzzle. Score is kept for the 10 best players. $49.99
Other Guys, The, 55 N. Main, Suite 301D, P.O. Box H, Logan, UT 84321, (801) 753-7620

Math Vision
Math Vision is a tool for scientific and mathematical visualization. Features data-input/graphics-output, HAM, overscan, half-brite, ARexx, image processing, math coprocessor support through IEE, hook to access external programming, and a wide variety of additional functions, including print capabilities for pictures and paint formulas. $197.00
Seven Seas Software, P.O. Box 1451, Port Townsend, WA 98368, (206) 385-1956

Math Wizard
Four educational math games for 1 or 2 players, ages 5-13. Talking program with several skill levels. Add, subtract, multiply, divide, or learn how to do word problems. Players can practice math together with each on his own difficulty level and mathematical operation. $49.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

Math-A-Magician
Add, subtract, multiply, or divide fractions or whole numbers. Play, practice, and learn. Features graphics and speech. $39.99
Other Guys, The, 55 N. Main, Suite 301D, P.O. Box H, Logan, UT 84321, (801) 753-7620

MathTalk Fractions by First Byte
Talking tutor helps students master fractions, decimals and percentages. Teaches students to complete assignments, prepare for tests, and gain new confidence in class. Age 8-15. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

MathTalk by First Byte
A talking computerized math tutor teaches addition, subtraction, multiplication, and division. Ages 5-13. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Maxi Taxi
The learning objective is to determine maximum earnings in a work situation by relating time to money. The student earns as much as possible per hour as a taxi driver. Potential is based on the rate and the time each ride consumes. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Parking Lot
The learning objective is to make the greatest business profit by applying the law of supply and demand. The student attempts to fill all the spaces in a parking lot by charging the highest monthly rate that the traffic will bear. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Pre-Calculus
An introduction to calculus and trigonometry. Educational programs for plotting and comparing functions, manipulating range. Solve triangles, learn polar coordinates, overlay functions on same graph or manipulate range. Solve triangles using SAS, ASA, SSS, and SSA methods, and more. $49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

Probability Theory
Introduction to probability theory and decision-making processes. Simulate coin toss, dice throw, and random walks. Introduce normal and Poisson distributions and the Central Limit Theorem, Bayes Probabilities, Markov Chains. Many useful examples like gambler's ruin, Galton Box, birthday problem, and craps. Tools for Venn diagrams, more. $49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784. (800) TR-BASIC

Scare City Motel
The learning objective is to maximize business earnings by equating supply with demand. As a motel owner, the student's goal is to make the highest profit. If there are more customers than rooms, rates can be raised. If too many rooms are empty, rates should be lowered. The learner's business skill is evaluated. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Space Math
An out-of-this-world way to learn math. $14.95
Intracorp, Inc., 14160 S.W. 139th Court, Miami, FL 33186, (800) 468-7226

The Enchanted Cash Register
A great way to teach children about money. Run an imaginary or real store. Figure totals and change due. Keep an inventory list with prices and descriptions for easy use. Fun graphics interface to make learning fun. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

Trigonometry
A general-purpose software tool which can be used to illustrate concepts in a trigonometry course, or advanced algebra with a trigonometry unit. Solving triangles, roots of functions, combining functions, trigonometric identities and polar coordinates, with a choice of radians or degrees for examples. $49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

TrueSTAT
Educational programs use an interactive approach to introduce statistical analysis. Many topics. Features built-in editor and syntax. $49.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

• MUSIC •

Fun Keys
A educational music program allows your children to play beautiful music with your Amiga. With Fun Keys, your keyboard becomes an electronic organ. You can play different sounds and instruments on the keyboard while Fun Keys accompanies you with one of eighteen different background beats. You can record your music, play it back, or change the speed of the beat. Ages 4 to adult. $24.95
MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

• SCIENCE •

All About Whales (story diskette)
Fun and informational story all about whales. Learn different types and classifications of whales. What they eat and where they live, plus much more. For use with Talking Storybook reader diskette. $29.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321. (801) 752-2501

Astrology
A sophisticated program with beautiful hi-res graphics, delivering serious insight to natal chart preparation and interpretation. Birth date, time and location can be used to produce colorful natal charts showing precise planetary locations within the houses, signs, and major aspects of the astrological system in less than two seconds. The natal graphical image can be printed utilizing any paint program supporting 16-color, hi-res or black-and-white. Price unavailable.
Mystic Software, 706 Richards Drive, Mountain Grove, MO 65711, (417) 926-3266

Astronomy Disks
User-written Astronomy and Space science public domain and shareware software collection. $4.00
Kinetic Designs, P.O. Box 1646, Orange Park, FL 32067-1646

Distant Suns
Version III of the award winning Galileo planetarium simulation. Distant Suns won the '88 CES (Consumer Electronics Show) award for the most innovative educational product and *Amazing Computing's* best educational product for '89. Distant Suns turns your Amiga into a planetarium. The sky can be viewed from any place on Earth or from the North Pole lying on your back looking upward in planetarium mode. The program accurately replays 10,000 years of what the sky looked like and it projects 10,000 years into the future. It is a very beautiful and realistic color simulation of the sky created by NASA astronomer R. Mike Smithwick. This vastly complex program fully uses the power of the Amiga, but *Sky and Telescope* magazine says there are few complex programs you can learn to operate so quickly and effortlessly. Distant Suns is fun, in addition to being powerful and visually stunning. Requires 512K. Distant Suns has received an endorsement from Arthur C. Clarke, author of *2001: A Space Odyssey*: "I'm totally awed by what you have done!...It's beautiful, especially when the lights are off... congratulations... ." $69.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515
please see display ad page 24

I.C.E. Integrated Calculation Engine
Programmable calculator construction system. Design customized calculators which are fully programmable and include an integrated program editor. Over fifty advanced functions are included supporting math, engineering, scientific, logical, trig, statistical, and financial operations. Additional functions can be user programmed. Alternate key sets on each calculator allow binding of complex formulae to single keys. Hex, decimal, and binary systems are supported. Graphic plotting window with scalable grid for visual data analysis. Hot Key activation of calculators. Fully Intuition-compatible for multitasking versatility. Example calculators and programs included. $49.95
King Publishing, 1200 Treadway #226, Austin, TX 78704, (512) 448-2414

Physics of Motion
A tutorial and self-study guide of mechanics with interactive problem solving. $49.95
Lee Software, P.O. Box 742644, Dallas, TX 75374, (214) 530-2864

SC-935 Planet Probe
Grades 3-9. Teaches facts about the solar system through an arcade-style space simulation. Learn about planets and build up fuel supply as you attempt to land space ships safely on nine planets. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

EDUCATION

SciPak1
Collection of scientific and mathematical programs gathered from a variety of public domain sources and collected for those interested in scientific-mathematical computing. $10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
please see display ad page 19

Science Expansion Disk for Discovery
Grades 9-12. For education or SAT preparations. Covers general science. Requires Discovery program disk. $19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Space Photos
Pictorial history of space exploration from first explorer launch in 1958 through Apollo, Viking, Mariner, Shuttle, to Voyager at Uranus 1989. 170 digitized & annotated color pics from NASA and JPL. User interface for classroom or home use. $20.00
Signs Etc. by D. Knox, P.O. Box 628, Carmichael, CA 95609, (916) 944-4282

The Planetarium
See over 9,000 stars to 7th magnitude. Hemisphere and topocentric views, latest NASA stellar and planetary ephemerides, skies from 12,000 years in the past to 9,000 years into the future. Accurate representations account for recession, mutation, and atmospheric refraction. $69.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

• SOCIAL STUDIES •

ED/SS
Social Studies Expansion Disk for Discovery Politics, religion, population growth, and more. For grades 9 through 12. Requires Discovery program disk. $19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

ED/SS How a Bill Becomes a Law
Realistic interactive game in which students become Congressmen trying to pass a bill. $49.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

ED/SS-909
SS-909 Social Studies Vocabulary Elementary level. Social studies vocabulary in farming, forest, desert, ocean, manufacturing, trading, and political fields. $29.95
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

• TEACHING AIDS •

AU-901 CLAS Computerized Lesson Authoring System
For those who wish to create their own interactive teaching lessons, but have no programming skills. CLAS has the answer: Tell the Amiga what you want and let it write the program. CLAS lets you write imaginative programs that utilize all the Amiga's capabilities. You can use the digitized picture screens, add voice and music, and custom-design all your programs. CLAS contains English, German, Spanish, and French alphabets. $99.00
MicroEd, P.O. Box 24750, Edina, MN 55424, (612) 929-2242

Barney Bear Goes to School
Barney Bear Goes to School, a musical, colorful learnig game for children ages 2-6, contains counting games, letter games, colors, shapes, and a coloring book program with over a dozen pictures. $34.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Barney Bear Goes to Space
Barney Bear Goes to Space, a learning game for children ages 2-6, introduces the concepts of the planets, the sun, gravity, and space travel with stories, games, graphics, and animation. $34.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Barney Bear Goes to the Farm
Barney Bear Goes to the Farm, a learning game for children ages 2-6, contains short "I can read" stories, a scarecrow with interchangeable heads, torsos, and legs, a coloring book program, a "what belongs" game, and of course, lots of graphics, sounds, and music. $34.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Barney Bear Meets Santa Claus
Barney Bear Meets Santa Claus, a learning game for children 2-6 contains a memory game, a mix-up-the-parts toy machine, and a coloring book program. $34.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

FTD Pilot
Programmed Inquiry Learning Or Teaching. FTD Pilot implements the PILOT language developed for CAI. Unlike earlier PILOT versions, FTD PILOT uses much of the Amiga's graphics and sound capability. Good for writing lessons and preparing (including IFF), sound, record keeping, laser disk control, and more. Requires 512K with hard disk for optimal graphics. Uses Kickstart 1.2 +. $39.95
Flight Training Devices, P.O. Box 91723, Anchorage, AK 99509, (907) 276-6719

McGee
In McGee, children accompany McGee as ge explores his house while his mother sleeps. McGee bounces the ball, rides a hobby horse, watches TV, plays with a puppet, feeds the dog, crawls under the rug, plays in the tire swing, and more. All animated sequences are accompanied by digitized sound. $39.95
Lawrence Productions, 1800 South 35th Street, Galesburg, MI 49053-9687, (800) 421-4157

McGee visits Katie's Farm
In Katie's Farm, children accompany McGee as he visits his cousin on her farm. In the chicken coop, Katie feeds the chickens and gathers eggs. We see Aunt Thelma milk the cow in the barn, and the children go fishing at the pond. All animated sequences are accompanied by digitized sound. $39.95
Lawrence Productions, 1800 South 35th Street, Galesburg, MI 49053-9687, (800) 421-4157

Memory Challenge Series #1 letters, numbers, words
New educational series for children ages 3-8. Helps child develop memory skills by helping them remember objects and locations. After childs first test of recognition, they then get the option of placing the pieces together as a puzzle. $39.95
TTR Development, 1120 Gammon Lane, Madison, WI 53719, (608) 277-8071

Teachers Toolkit
Comprehensive system for ALL teachers K-College. Has grade system, lesson planners, and more. Does full averaging of grades, absentees, etc. All around system for any teacher. $399.00
TTR Development, 1120 Gammon Lane, Madison, WI 53719, (608) 277-8071

• TEST PREPARATION •

Analogies I
Analyze, solve, and practice analogies to improve scores on college aptitude tests. $60.00
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Analogies II
Analyze, solve, and practice analogies to improve scores on college aptitude tests. $60.00
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Comprehension Exercises
Practice for high-school level readers; helps prepare for college aptitude tests. $65.00
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

Language Expansion Disk for Discovery
Speech, grammar, vocabulary, communications, and much more. Prepare for SATs. Requires Discovery program disk. $19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Sentence Completion
Reading comprehension exercises help students improve scores on sentence completion items on college aptitude tests. $35.95
Queue, Inc., 562 Boston Ave., Bridgeport, CT 06610, (800) 232-2224

• TYPING •

IntelliType
Sophisticated typing program combines customized lessons with an adventure story. Monitors errors, recognizes when wrong hand is used. Bar charts show accuracy, speed, and error type. In-depth analysis of error types. Performance analyzed over each lesson or all lessons combined. Sets goals based on initial skills. More. $19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Mavis Beacon Teaches Typing
Typing program for all ages, from 5-50+. Her arcade-quality Road Racer Game and 3-D graphics knock your socks off from start to finish. She speaks in easy, conversational sentences and, using Artificial Intelligence, diagnoses your specific typing problem quickly, and creates a typing program just for you. She builds her lessons from interesting texts like *The Guinness Book of World Records*, jokes, riddles, and fun facts for all ages. $49.95
Software Toolworks, The, 19808 Nordhoff Place, Chatsworth, CA 91311, (818) 885-9000

Typing Tutor+
Word Invaders Typing tutor/game. Typing Tutor teaches touch typing. Word Invaders uses game to teach typing techniques. Blast the invading words out of the sky. Game speed, selections for beginner to advanced. $34.95
Academy Software, Inc., P.O. Box 6277, San Rafael, CA 94903, (415) 499-0850

• MISCELLANEOUS •

CellPak1
Collection of programs gathered from a variety of public domain sources and collected for those interested in cellular automata. $10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
please see display ad page 19

Designasaurus
Three programs in one! Walk-A-Dinosaur, where the user walks either a Brontosaurus, Stegosaurus or Tyrannasaurus Rex through three ages. Build-A-Dinosaur by combining a head, neck, tail, and body from several different real dinosaurs, and Print-A-Dinosaur-where 12 dinosaurs can be printed out in its natural habitat along with a description. Using DeluxePaint by Electronic Arts, color your favorite Dino and print the creature out. $49.95
Britannica Software, 345 Fourth Street, San Francisco, CA 94107, (800) 572-2272

Discovery 2.0
Game Disk with Math or Spelling. Save the Starship Discovery by guiding crew members through the starship and answering questions. Avoid the aliens, collect fuel crystals, and save the ship. Easy playability and compelling graphics. Game disk in Math or spelling; expansion disks in Trivia 1 and 2, Science, History, Geography, Spelling 1 and 2, Math 1 and 2, Math Concepts, Language, and Social Studies. Now includes: hard drive installation, five spaceships to explore, and questions that use pictures or sound. $39.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Doug's Math Aquarium
Doug's Math Aquarium (DMA) is a fast interactive system that allows you to use your Amiga for "visualizing" mathematical equations. DMA is used by computer artists, engineers, and mathematicians, all of whom praise its ability to cultivate richer, deeper insights to mathematical equations. $89.95
Seven Seas Software, P.O. Box 1451, Port Townsend, WA 98368, (206) 385-1956

FASTFACTS Trio: The United States, The Solar System, & The Elements
United States: A United States map with point-and-click access to detailed information on all 50 states. Also includes U.S. Constitution and Declaration of Independence. Solar System: A view of the solar system with point-and-click access to detailed information on the sun, asteroids, planets, and their moons. Element: A colorful periodic table with point-and-click access detailed information on each of the 106 elements. Soon to be shareware. $15.00
BTPSoftware (see also Jumpdisk), 3515 Race Lane Road, Okeana, OH 45053

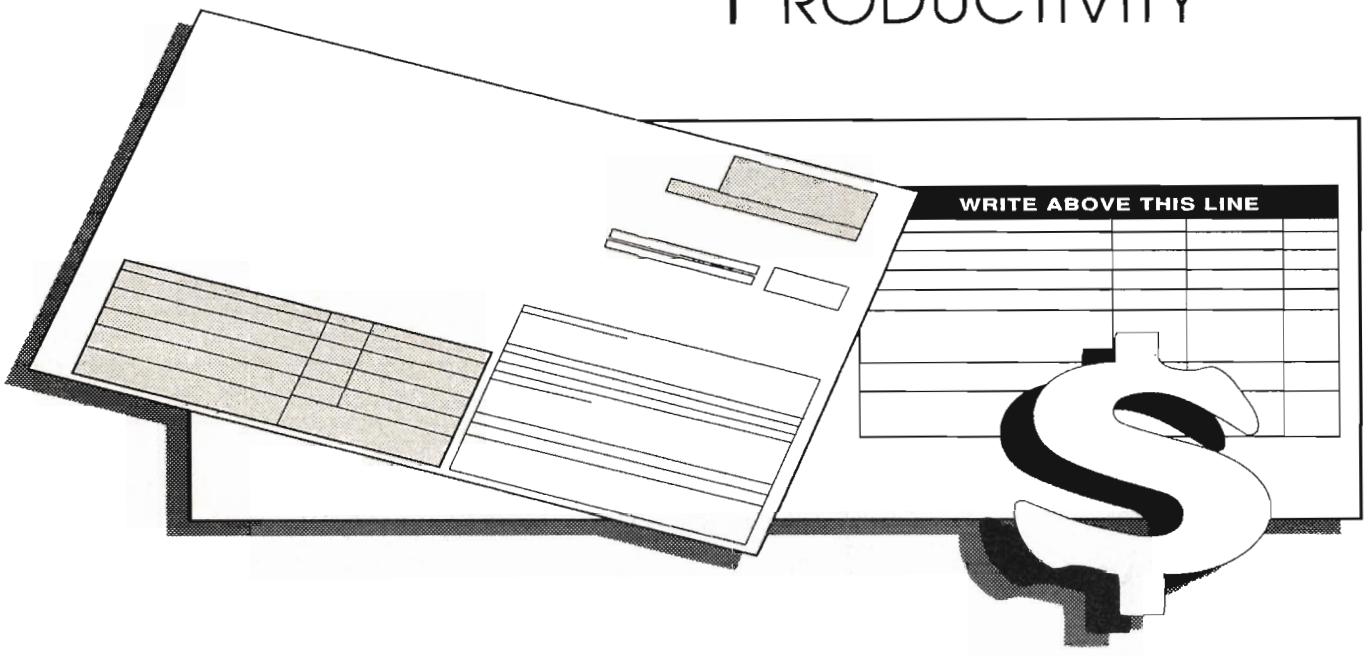
Magical Myths
Three stories with graphics, glossary, and questions. Several games, mini-word processor. Ages 8-12, 1-2 players. Helps build important vocabulary and comprehension skills while learning about the wonders of the ancient Greek myths. Uses speech. $49.95
Unicorn Software Company, 2950 E. Flamingo Road, Suite B, Las Vegas, NV 89121, (702) 737-8862

The Context Bible
New International Version. Formatted to use with the Thinker hypertext program. Insert your own notes, automatically linked cross references, outlines, and charts. See-thru links can show parts up to 32 files on screen at once. Create jump-links to verse, files, programs, pictures, and ARexx macros. Read, write, and edit in up to eight resizable, stackable windows. Scroll through text and selectively reveal up to thirty levels of outline. $120.00; $160.00 with Thinker.
Neuralink, 4422- 32nd Street, Lubbock, TX 79410, (806) 793-0423

Trivia 1 Expansion Disk for Discovery
Trivia categories include Nobel Prize winners, sports, and famous quotes. Discovery program disk required. $19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Trivia 2 Expansion Disk for Discovery
Trivia categories include movies, space travel, and famous people. Discovery program disk required. $19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Business & Home Productivity



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• GENERAL •

ProWrite 3.1
Full featured in a very intuitive and easy-to-use environment. Some features include: Multiple columns with either parallel or snaking text flow. Color output, print graphics and NLQ text side by side, a WYSIWYG display, 100,000 word spell checker, and print merge. Add to that a thesaurus with over 300,000 cross references, and Macros are available (when used in conjuction with ARexx). ProWrite has greater printer flexibility; you get maximum control in nearly all printing variables. We have also included a 'Speak' option in ProWrite. You can either have it read the entire document or selected portions, or enter phonetic codes and have those spoken, which is great for educational purposes. ProWrite runs on all Amiga systems with one megabyte of RAM or more, and Kickstart version 1.2 of later. $175.00
New Horizons Software, Inc., 206 Wild Basin Road. Suite 109, Austin, TX 78746, (512) 328-6650

• ACCOUNTING •

Accounts Payable
Helps manage and track cash liabilities. Posts payments to general ledger or check ledger. $99.00
Computerware, P.O. Box 668, Encinitas, CA 92024, (619) 436-3512

Accounts Receivable
Indicates overdue accounts, records key customer information, tracks invoices, and prints statements automatically. $99.00
Computerware, P.O. Box 668, Encinitas, CA 92024, (619) 436-3512

B.E.S.T. Business Budgeting
This program is designed to be used in conjunction with the B.E.S.T. Business Management General Ledger or the stand-alone B.E.S.T. General Ledger. The budget system automatically creates budget G/L files from existing General Ledger account files for planning future income and expense activity, by General Ledger account. Proforms (anticipated) Income Statements, Balance Sheets, sales reports, expense reports, etc. can be printed and/or compared with current General Ledger activity for plan vs. actual performance reporting. $79.95
B.E.S.T., Inc., P.O. Box 22066 or 10616 S.E. McLough, Portland, OR 97222, (503) 653-2090
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B.E.S.T. Business Management
An easy-to-use, fully integrated business management and accounting system. Contains general ledger, accounts payable, inventory management, and services management. All purchasing, receiving, order processing, invoicing, and payment entry is provided through an easy-to-use Business Function process. Many standard reports are included in inventory management, services management, accounts receivable, and accounts payable. Custom reporting is available in the general ledger, inventory management, and accounts payable. Customer statements, purchase orders, invoices, and checks are prepared quickly and easily on professional-quality business forms. $295.00
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B.E.S.T. General Ledger
This stand-alone general ledger contains all the features of the integrated B.E.S.T. Business Management General Ledger including a three-year history, transaction entry, and editing, audit trail reports, journal listings, custom financial reporting, and easy end-of-month closing. Completely compatible with the fully-integrated B.E.S.T. Business Management for future upgrade purposes. $79.95
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Check Ledger
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Desktop Budget
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Comprehensive double-entry system. Includes audit trails, closing procedures, and full reporting. $99.00
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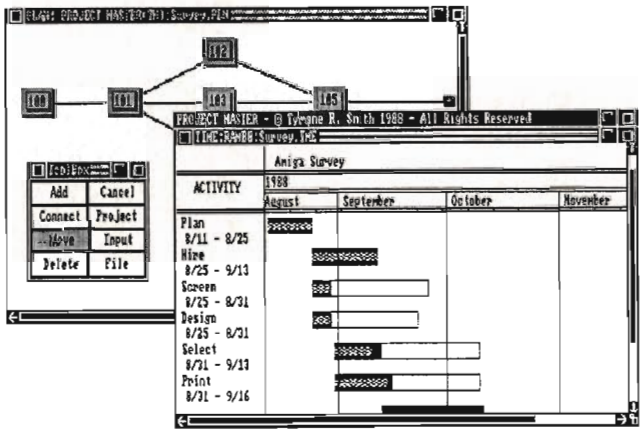

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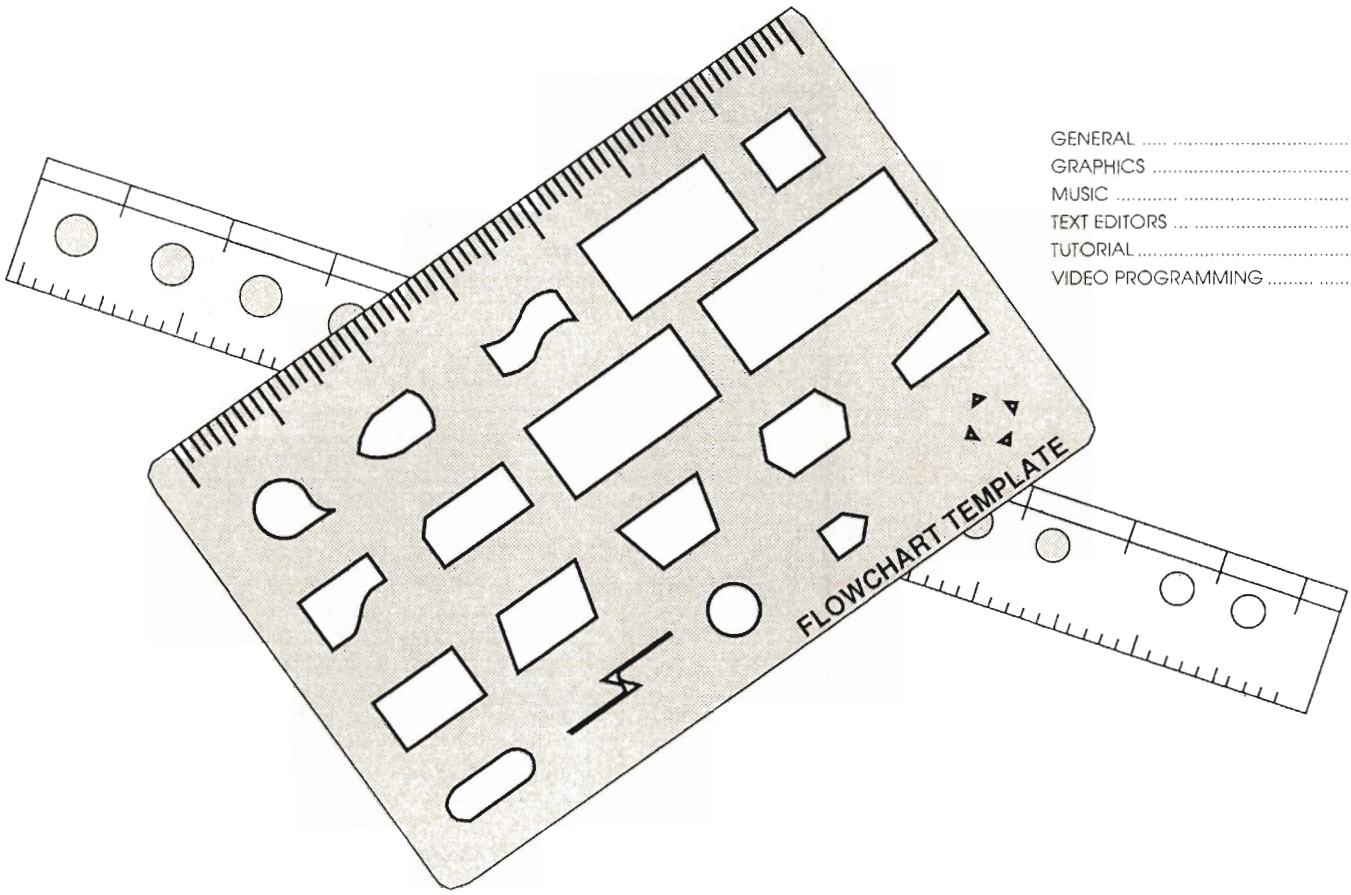

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ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

AmigaMOP Test Management Package Version 2
The AmigaMOP V2 is a data management and user interface for electronic test systems. Linkable and run-time libraries are included for writing the test programs and data handlers. Other features included in this version are safe memory support, dual multitasking/ multiplexing test programs, and a help feature. $349.00
Go Software, RR #1 Box 442 Spicer Road, Thompson, CT 06277, (203) 923-2348

Aztec C68K/Am 3.6
Translates programs written in C into executable machine code. Features Manx Aztec source level debugger, UNIX utilities, math support libraries for 68881, Manx IEEE emulation, and more. **$199.00**
***Manx Software** Systems, P.O. Box 55, Shrewsbury, NJ 07702, (800) 221-0440*

C Language Library
Add-on library product for Benchmark Modula-2. All standard C language library functions are implemented for use in Modula-2. $99.95
Avant-Garde Software, 2213 Woodburn, Plano, TX 75075, (214) 964-0260

C Toolkit
Collection of over 200 powerful C functions that compile and link with C programs. Perform tasks ranging from memory management to floating point manipulation. Includes 274-page manual containing a separate UNIX-style description and source code for every C toolkit function. $39.95
Software Ingenuity, 11325 94th St. N., P.O. Box 10084, Largo, FL 34643, (813) 393-8240

CBTREE
Simple but powerful program interface to all B+tree operations. Includes 70 p. manual, examples, and sample programs on disk. $99.00
Peacock Systems, Inc., 2108-C Gallows Road, Vienna, VA 22180, (800) 346-3038

Compiler Companion 1.0
Ten utilities designed to enhance the productivity of Amiga programmers. Extract file names from directories; build command files; generate cross referencing of C source files; locate files by attributes; and more. Can be used with any programming language. $100.00
Lattice, Incorporated, 2500 S. Highland Avenue, Lombard, IL 60148, (800) 444-4309

ConMan
Replacement console handler that provides line editing and command history. Shareware, V.1.1. $10.00 suggested contribution
William S. Hawes, P.O. Box 308, Maynard, MA 01754

Developer's Toolkit
Collection of machine-specific routines that facilitate access to ROM and other special Amiga features. Also includes access to Intuition. $69.95
True BASIC, Inc., 12 Commerce Ave., West Lebanon, NH 03784, (800) TR-BASIC

F-Basic System Source Level DeBugger (SLDB) 3.0
The SLDB functions in a fully windowed Intuition interface, and allows the user of an F-Basic 3.0 program to debug at the source level. A knowledge of Assembly language is not necessary to use the SLDB. The SLDB allows the user to set breakpoints on source lines of the program halting execution, trace one source line at a time, go until breakpoint, etc. Allows the same functions at the Assembly level. Valuable debugging tool for beginner or advanced programmer. Some of the features include viewing and altering the 68000 registers, memory, variables, arrays, and records by name. A full featured reverse assembler is also included. Version 3.0 adds find commands, keyboard control, and integration into the 3.0 editor/compiler/linker/debugger environment of F-Basic. Includes user's manual and requires F-Basic 3.0. Contains powerful features like pointers, recursion, and pattern matching to satisfy advanced programmers, yet is easy for beginners to learn. $60.00
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The Best Assembler

Macro68

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Macro68 is a powerful new assembler for the entire line of Amiga personal computers.

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This fast, multi-pass assembler uses the new Motorola M68000 Family assembly language syntax, and comes with a utility to convert old-style syntax source code painlessly. The new syntax was developed by Motorola specifically to support the addressing capabilities of the new generation of CPUs.

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ReSource, the powerful disassembler for the Amiga that has received rave reviews, now has a big brother.

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ReSource is an intelligent interactive disassembler for the Amiga programmer. **ReSource** will enable you to explore the Amiga. Find out how your favorite program works. Examine your own compiled code.

ReSource will load/save *any* file, read disk tracks, or disassemble directly from memory. Symbols are created automatically, and virtually *all* Amiga symbol bases are supported. Additionally, you may create your own symbol bases.

"If you're serious about disassembling code, look no further!"

The original **ReSource** continues to be available for owners of 68000 based machines. Both versions of **ReSource** require at least 1 meg of ram.
Suggested retail prices: Original **ReSource**, US$95, **ReSource'030**, US$150

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IFF and Image Resource Library
Add-on library product for Benchmark Modula-2. Functions for reading and writing IFF files. Tool for attaching IFF images to an executable file. Images can be accessed at run time as resources from the Modula-2 program. $99.95
Avant-Garde Software, 2213 Woodburn, Plano, TX 75075, (214) 964-0260

InovaTools 1
InovaTools 1 was designed to increase programmers' interface construct options beyond those of Intuition. Included are function definitions (in linkable C or system library format) for the following: Drag Gadgets, Knob Gadgets (Analog-type circular knobs), Pop-Up menus, and over forty other useful routines. Written by Todor Fay. $79.95
Inovatronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

Key to C version 2.02
Library of C functions for the Amiga including source and object code for all functions for easy insertion into programs. Includes all documentation on disk. 64-page reference manual. Also includes three utility programs. $34.95
Data Research Processing, Inc., 5121 Audrey Dr., Huntington Beach, CA 91649, (714) 840-7186

LDebug 2.1
A debugger supporting Benchmark Modula-2, C.A.P.E. 68k assembler, and the Lattice AmigaDOS C compiler. Trace by source line, or by MC68000 instruction. Set breakpoints in multiple source modules or by clicking on a line of source code. Disassemble a source line by double clicking on it. $49.50
LogiComp Software, 4010 Woods Blvd., Lincoln, NE 68502, (402) 423-6768

Laserdisk Controller Software Library
This package is a linkable C library of routines intended to help application developers easily and immediately integrate the Pioneer LD-V2200 laserdisk player into their own applications. The library is Manx- and Lattice-compatible and addresses all features and modes of operation of the LD-V2200. The package includes test software and complete documentation and "may be used right out of the box". $99.95
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

Lattice Communications Library
The library supports AmigaDOS environments with a full set of functions for XMODEM, YMODEM, KERMIT, and ASCII protocols. Communications Library gives programmers the ability to select, open, and close a communications port; set baud rate, data bits, parity, stop bits, and buffer size; and send and receive characters from the communications port. Other functions dial and hang up the telephone; reset the modem; set automatic answering; send and receive files using ASCII, XMODEM, YMODEM, or KERMIT error-checking protocols; and display the progress of file transfers. $250.00
Lattice, Incorporated, 2500 S. Highland Avenue, Lombard, IL 60148, (800) 444-4309

Library Source
Includes the original Assembly and C source to all routines in the Aztec RunTime Libraries. $300.00
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Finds errors, bugs, and inconsistencies your compiler working on one module at a time will miss. Supports K&R C language and ANSI C extensions. Finds inconsistent declarations, argument/parameter mismatches, uninitialized unaccessed variables, unreferenced variables, suspicious macros, indentation, and more. Includes user-modifiable library description files for the Lattice and Aztec compilers. Version 4.0 features encremented listing and checking of compile time objects. $98.00
Gimpel Software, 3207 Hogarth Lane, Collegeville, PA 19426, (215) 584-4261

MCC PASCAL
Single-pass ISO compiler features separate compilation, random access, reset/rewrite, Include, External, text editor, and full cross reference listings. $99.95
Metacomco, 26 Portland Square, Bristol, BS2 8RZ, United Kingdom, 44-272-428781

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An application program debugger that provides a multi-window environment for you to observe and control the execution of your application program. It gives you sophisticated breakpoint and trace capabilities, full symbolic support, a direct-to-memory assembler, and much more. $95.00
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Power Windows for Benchmark Modula-2, V2.5
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Screen Editor 1.1
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Simplified Amiga Library
Add-on library product for Benchmark Modula-2. Functions simplify creation of Intuition screens, windows, gadgets, and menus. Only one line of source to create any of them. Functions for double-buffered animation, bobs, sprites, speech, console, and device. $99.95
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Simulates minicomputer input fields but fully utilizes Amiga graphic capabilities, allowing you to simultaneously specify titles, borders, and images. Uses compile-time library of C functions that link with Lattice or C programs. Handles all input editing and mouse cursor placement. Toggles between insert and type-over mode and allows full access to console keys. All field processing is transparent to the application. $39.95
Software Ingenuity, 11325 94th St. N., P.O. Box 10084, Largo, FL 34643, (813) 393-8240

Software From Hell
Software routines, libraries, and utilities for Amiga programmers. Includes all open/close individual/specific/stereo channels; start/stop/flush/reset audio channels; play: notes, frequencies, sampled sound effects; read IFF 8SVX sound effect files (many sound effects included in package!). Also includes accurate time delays using Amiga hardware timers, track positioning, brush memory management, direct BLITTER access routines, and convert brushes to sprites. All source included with examples. All C source has been run thru Lint for maximum portability among different compilers. Libraries provided in Manx Aztec C format. $69.95
Conceptually Advanced Technologies, P.O.Box 3302, Santa Monica, CA 90403. (213) 452-1732

Software ToolKit
Manual and disk set which includes several utilities to assist developers with Amiga programming. WACK, Memacs, Debug, Keytoy, and more. $25.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Source Level Debugger (SDB)
Interactive source level debugger designed for fast response and ease in debugging. SDB lets user display all function action names; display values of passed parameters; examine values from any active function; customize the debugging environment with reusable command macros and procedures; use function or line-by-line tracing; set breakpoints by lines functions or variables; see actual C source as it executes; and more. $125.00
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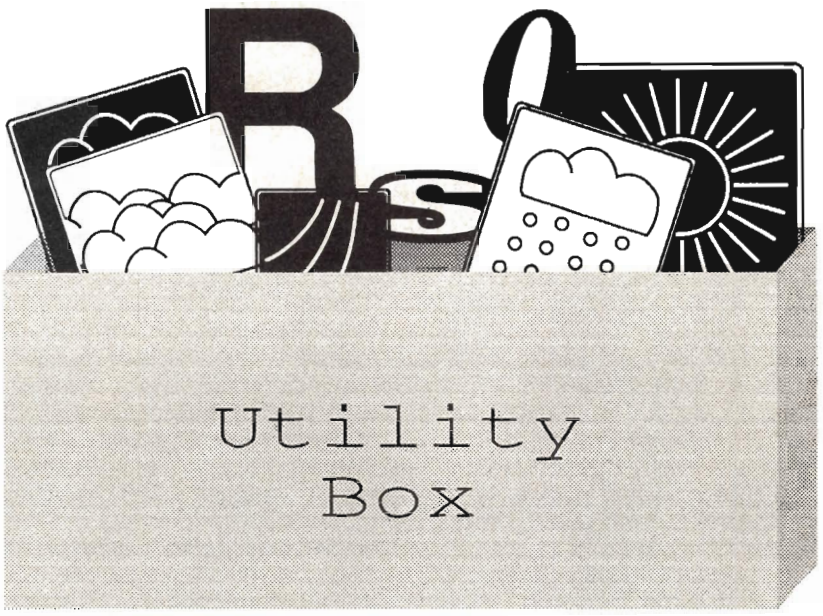

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AccelerDisk
This utility installs a bootable Fast File System onto floppies. Unlike other attempts to put FFS onto floppies, AccelerDisk provides consistent, reliable performance, and can be used on DF0 to boot up. Increases storage capacity, and increases directory access speed at least two to three times. $29.95
MJ Systems, 1222 Brookwood Road Dept.10A, Madison, WI 53711-3118, (800) 448-4564
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Amiga Multi-User Software
Allows the Amiga to serve multiple terminals with more than one window per terminal. Runs text-only CLI programs from the terminals. Multi-user database software available. $120.00
Conceptual Computing, 603 Castlefield Ave., Toronto, Ontario, Canada M5N 1L9, (416) 781-7742

AmigaDOS Toolbox
A collection of essential, powerful, and easy-to-use software tools for the Amiga. ISBN 1-55755-053-0. $59.95
Abacus Software, 5370 52nd Street S.E., Grand Rapids, MI 49512, (616) 698-0330

Ami...Alignment System
This program allows user to evaluate 3.5-inch disk drive alignment, speed, read-write performance, and other characteristics. All too frequently, users encounter error messages related to the disk drive. This program provides a means of diagnosing and correcting the problem. $49.95
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DigiSoft, 12 Dinmore Street, Moorooka, Brisbane, Queensland, Australia 4105, (011) 61-7-277-3255
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B.A.D.
B.A.D. is a disk optimizer. Disk optimizing is a process where in a disk is reconstructed and organized in a manner such that the disk performs much more smoothly and quickly. The results of processing a disk are quite noticeable, as it is difficult to keep disks well organized. B.A.D. does not change anything on the disk, except the location of data. B.A.D. works with floppies and hard drives, and also supports multiple partitions. $49.95
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CatalogTool will help you organize and index your software library. It can automatically read filenames from any AmigaDOS file system (DF0: HD0: etc.) or you can enter filenames manually. You can then quickly separate and sort your filenames into different categories.

Updating **Project D** is simple and inexpensive. We will notify you of new parameters every three months, and you can order updates as often as you like, for as low as **$10**. **Project D** is not copy protected in any way and is *completely compatible* with the **Amiga's** multi-tasking operating system.

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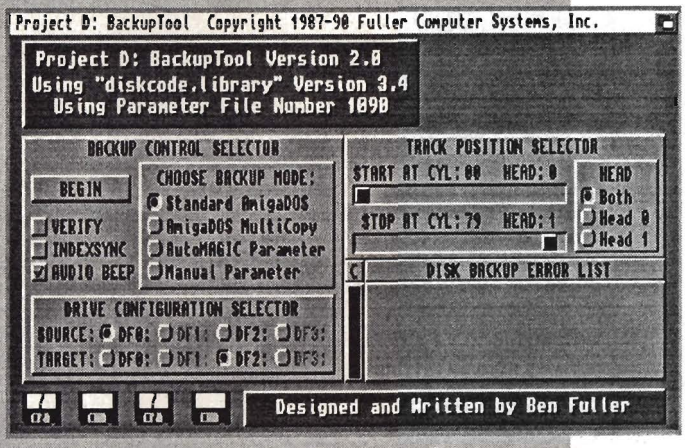

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Eraware, P. O. Box 10832, Eugene, OR 97440, (503) 345-9178

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Dos Utility/Dos Enhancer combines the power of CLI with the simplicity of Workbench. Up to twelve directory windows are visible at once so you can manipulate your files conveniently. Designed to use a minimum amount of precious RAM to maximize multitasking efficiency. Every aspect of the program can be customized to your needs and preferences. Includes a hard disk backup function. $49.95
Centaur Software Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213)542-9998

DJHelper
DJHelper is a Preferences-like interface providing detailed control over all features of HPDeskJet printer. Four screens allow definition of all page parameters, specification of any typeface, character set, pitch or point, conversion, and downloading of soft fonts, determination of graphics grayscale and positioning, editing, and downloading of Amiga and HP printer commands, redefinition of the AmigaDOS command set, and much more. Require AmigaDOS 1.3 or later. $50.00
Creative Focus, P.O. Box 580, Chenango Bridge, NY 13745-0580, (607) 648-4082
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Directory Opus
Directory utility featuring fully configurable, easy-to-use intuition interface, with full built-in help. Dozens of built-in commands with the ability to add over 60 external functions. Price: $50 Australian + $10 overseas s & h.
Jonathon Potter, P.O. Box 289, Goodwood SA 5034, Australia, (011) 61-8-2938814

DisKwik 2.0
A complete disk editor and repair kit for the Amiga. Features include Edit in Hex or ASCII, search, restore deleted files, repair errors, check sum boot blocks, kickstart disks, and more. Documentation describes disk origination and other aspects of AmigaDOS. Scans for errors. $49.95
Tigress, P. O. Box 665, Glendora, CA 91740, (818) 334-0709

Doctor Ami...
Doctor Ami...is a memory and hard drive diagnostic program that performs sophisticated, low-level tests on your system with an elegant interface, and simple controls and displays. Memory and drive errors are displayed, and mapped out on the system. $49.95
Free Spirit Software, Inc., P. O. Box 128, 58 Noble St., Kutztoum, PA 19530, (215) 683-5609

Dunlap Utilities
A collection of over 40 interactive utility programs. Verify hard drive errors, retrieve deleted files, and program your keyboard with macros. Bypass the Workbench or CLI with a better optimized, user-definable Amiga user interface. $79.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Encore
Keyboard movement automation studio. Lets you build macros by capturing mouse movements and keystrokes. $79.95
Elipsys, 1997 Mayflower Drive, Woodbridge, VA 22192, (703) 490-8157

Enhanced Sharp JX-730 Printer Driver with Palettes
The Amiga printer driver is for use with the Sharp JX-730 Color Ink-Jet Printer. The printed output can be varied from light to dark using the density control in Preferences. Density 1 produces the lightest printout, while density 7 produces the darkest printout. This driver is internally color-corrected and no longer requires using color correction in Preferences. Colors are processed so that printed colors are better matched to screen colors (i.e., blue on screen prints as blue on paper, not as purple). Four 1.3- and 2.0- compatible drivers are included on disk with palettes and sample pictures. Add $4.50 s & h. $45.00
GlassCanvas Productions, Inc., P.O. Box 6171, Boston, MA 02114, (617) 367-3229

Enhanced Xerox 4020 Printer Driver with Palettes or Pictures
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ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

FastFonts
Set of utility programs designed to speed up text display. $29.95
Microsmiths, Inc., P. O. Box 561, Cambridge, MA 02140, (617) 354-1224

GOMF 3.0
Allows recovery from task held & Guru alerts. Preserves trap and exception vector tables, allows removal of task or process at any time. Configures to 68000,68010,68020. Easily added to your startup sequence for automatic error trapping. Available in software version only at this time.
Pro-Tronic Systems Ltd., 720 -6th Street, #227, New Westminster, B.C., Canada V3L 3C5, (604) 290-1631

HackPak1
Collection of virus utilities, system monitors, disk editors, and file compression utilities; gathered from a variety of public domain sources and collected for those interested in Amiga system internals. $10.00
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
please see display ad page 19

Hermes IconLab 1.3
Make your own icons. All icon/brush options (icon to brush, brush to icon, etc.) available. Shows/draws/paints icons in 2-16 colors. Shows and loads all disk fonts. Reduces IFF pictures to icon sizes. $35.00
Elkon Enterprises, 4654 Mistletoe, Wichita Falls, TX 76308, (817) 691-0964

Images of Hawaii
Digitized photos in non-interlaced HAM. Scenes from Oahu, Maui, and Hawaii islands. Two-disk set. $19.95
GlassCanvas Productions, Inc., P.O. Box 6171, Boston, MA 02114, (617) 367-3229

Images of Japan
Digitized photos in interlaced HAM. Scenes from Tokyo, Kamakura, Kyoto, & Nara. Two-disk set. $19.95
GlassCanvas Productions, Inc., P.O. Box 6171, Boston, MA 02114, (617) 367-3229

KickWork 2.0
Single-disk boot for the Amiga 1000. KickWork combines KickStart and Workbench on one disk providing Amiga 1000 users with a single-disk boot system. A one-disk software system for unattended applications. Warm boot with any other Workbench. Reboots automatically, does not have to be re-armed. Requires A1000 with at least one meg of RAM. $29.95
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
please see display ad page 167

Multi-Prefs
This multiple preferences management tool lets you create, restore, edit, rename, sort, delete, or undo all the preference settings you like. You can advance your printer paper to the top of the next page or toggle your Workbench screen between interlaced and non-interlaced mode instantly. $29.95
Soft-Link, Inc., P.O. Box 304, Coventry, RI 02816, (401) 828-9304

MultiBench
A complete Workbench replacement combines the best features of an icon-based desktop, CLI, and directory utility. Extensive command language with ARexx interface. Custom menus and keyboard macros. Directories as icons or text. Selectable default icons. Able to load resident commands. Built-in text browser. Background pattern editor. Fast, compact code. $49.95
Poole Creek Software, P.O. Box 1488, Stittsville, Ontario, Canada K0A 3G0, (613) 836-1645

SA Utilities V34.807
This software and firmware enhancement allows better support of accelerator boards (68020), high capacity read/write magnetic disks (e.g. Ricoh RO5030), and a new image backup to any AmigaDOS device. ARK allows you to make an image of your hard drive to floppy, another hard drive, even a Bernoulli drive (20M or 40M).
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Circle 132 on Reader Service card.

Stuff-It
Create your own pull-down menus, each capable of sending a user-defined series of keystrokes to other programs just as if you typed them from the keyboard. Several menus have been created for you including one for the CLI and one for the Amiga editor. $39.95
Soft-Link, Inc., P.O. Box 304, Coventry, RI 02816, (401) 828-9304

Super_DJ V2.0
Super_DJ V2.0 is a greatly improved Amiga printer driver for HPDeskJets. It provides an enhanced implementation of printer control codes, the ability to change fonts at will, faster bitmap printing (especially with the PLUS and 500), the suppression of unnecessary page feeds, and the elimination of muddy graphics. The Super_DJ printer driver requires AmigaDOS 1.3 or later. $25.00
Creative Focus, P.O. Box 580, Chenango Bridge, NY 13745-0580, (607) 648-4082
please see display ad this page

System Integrator
System Integrator will effect a hard reset to the Amiga upon detection of an error condition, lockup or even a complete system crash. It is a software/hardware combination that attaches externally to the Amiga (internally for A500). Developed initially for Cablevision companies, video presentation industries and interactive multimedia displays, it is for bulletin board systems, ray-tracing, and other applications that require the Amiga to be left running unattended. System Integrator will have you up and running again in seconds, with no human intervention. The software includes a toolkit to log errors,

blank the display, or display a custom message screen. The standard package connects directly to the Amiga 2000, 2500, and 3000. Also with the optional adaptor kits, it connect to the Amiga 500 and 1000. US: $199.00; Canadian: $274.00.
Pro-Tronic Systems Ltd., 720 -6th Street, #227, New Westminster, B.C., Canada V3L 3C5, (604) 290-1631

The Disk Mechanic
A collection of utilities for AmigaDOS versions 1.2—1.3. The package includes a disk option called Tune-Up that can boost disk performance up to 400%. Also includes an archival/incremental hard disk back-up utility, a program that recovers deleted files and repairs corrupt disks; a full feature disk block editor, and a dozen CLI-based disk management utilities. Supports all Amiga hard and floppy disks and the fast filing system. Requires 512K RAM. $89.95
Lake Forest Logic, Inc., 28101 Ballard Road, Unit E, Lake Forest, IL 60045, (708) 816-6666

Trumpcard/A-MAX Hard Disk Support Utilities
Trumpcard /A-MAX Hard Disk Support Utilities includes all software necessary to interface a hard drive to A-MAX using the Trumpcard. The utilities include the now famous Trumpcard patch, a new version of TCUTILS, the Trumpcard utilities package, and ONTRACK Software's Disk Manager Mac formatting software. These three packages have been integrated into a single environment and released on an AmigaDOS formatted diskette. This package gives A-MAX / Trumpcard users the capability to mix Macintosh and AmigaDOS partitions on a single drive. Since all formatting and partitioning is done within the Amiga environment, the use of Mac-compatible floppy drives is no longer necessary. $119.95
Interactive Video Systems, 7245 Garden Grove Blvd. Suite. E, Garden Grove, CA 92641, (714) 890-7040
please see display ad pages 16 & 17

WShell
Replacement command shell that offers command aliases, resident commands, and piping. CLI-compatible, and supports ARexx. $49.95
William S. Hawes, P. O. Box 308, Maynard, MA 01754

Workbench Management System
Program unlimited number of buttons. Buttons can be "attached" to any application on your system whether on floppy, hard drive, or network. Also includes eight (8) built-in programs ranging from a text editor to an archive system! $44.95
TTR Development, 1120 Gammon Lane, Madison, WI 53719, (608) 277-8071
please see display ad page 26

• BACKING UP/COPYING •

EZ-Backup
Save up to 255 versions of each file. Eliminates the need to do full backups each time the incremental back-up disks begin to pile up. Features optional warning screen, volume label checking, standard format, individual file recovery, multitasking, and provides archive-bit utilities. Not copy-protected. Free upgrades and telephone support. $49.95
EZSoft, 21125 Chatsworth St., Chatsworth, CA 91311, (818) 341-8681

Express Copy 1.5
A hard disk backup utility which can copy directories and files to floppy disk at up to 1 meg/min. Backup disks are standard DOS disks that can be used normally from both Workbench and CLI. Can fill a floppy disk with files from your hard disk in 45 seconds. Designed for effective multitasking. Backup parameters can be saved in configuration files. Fully documented with a 65-page manual which includes a 25-page section with help and ideas on how you can better organize and manage your hard disk drive. New for Version 1.5 is support for the AE high-density floppy drive, extensive ARexx support, and a CanDo application to take advantage of the new ARexx features. $49.95
Express-Way Software, Inc., P.O. Box 10290 , Columbia, MO 65205-4005, (314) 474-2984

Fat Tracks
An upgradeable nibbler. This backup utility will allow you to make archival backups of many of your protected software that uses non-standard DOS. Fat Tracks was designed to complement RawCopy V1.3. $59.95
Micro Systems International, 1143 Monroe Street, Carleton, MI 48117, (313) 654-8402

HDutil
Fast backup mode, 20 meg in under 50 minutes. Include/exclude files by wild card, date, archive bit, list, globally, or by point and click. Auto-configures to multi hard drive or partition systems. Works with all AmigaDOS-compatible hard drives. Multitasking, 3 backup restore modes, builds, sorts, and manipulates all files. Runs from Workbench or CLI. Written in 68000 Assembler code. 512K required. $69.95
DigiSoft, 12 Dinmore Street, Moorooka, Brisbane, Queensland, Australia 4105, (011) 61-7-277-3255
please see display ad page 85

LV BackUp
Protects the data stored on your hard disk, RAM disk, or network device by copying to floppy disks. $69.95
MKSoft Development, 163 Appledore Drive, Downington, PA 19335, (215) 873-2372

Project D
Integrated disk utility system. Includes The Backup Tool disk copier. Copies most protected disks with parameters updated regularly. The Omni Tool, a special format copier, duplicates MS-DOS/PC-DOS, Atari-ST, CP/M, and Xenix formatted disks. The Editor Tool, a powerful disk editing utility, allows you to edit Amiga disks from AmigaDOS to the MFM Catalog Tool. Disk indexing utility helps keep track of personal, commercial, and public domain disks. $49.95
Fuller Computer Systems, P. O. Box 92222, Mesa, AZ 85214, (602) 470-6070
please see display ad page 95

Quarterback
Hard disk-to-floppy backup runs under Workbench or CLI. Backs up to or restores from floppy disks, Inner Connection's Bernoulli drive, or any AmigaDOS-compatible device. Uses two floppy drives (if available) for back-up/restore with automatic switching. Automatically formats diskettes, builds catalog of files, produces backup/restore report to disk or printer, and much more. $69.95
Central Coast Software, 424 Vista Avenue, Golden, CO 80401, (303) 526-1030

RawCopy V1.3
Ultra-powerful backup tool for your Amiga. Deprotects many of your favorite programs. Supports up to four 3.5-inch disks drives. Mouse-driven user interface. The only backup utility with over 300 parameters. $59.95
Micro Systems International, 1143 Monroe Street, Carleton, MI 48117, (313) 654-8402

StarSoft
Hard drive backup utility, fast, reliable backup utility for AmigaDOS-compatible devices. Supports multitasking, transaction files, incremental and selective modes. Fast and friendly. Requires 512K RAM. $39.95
StarSoft Development Labs, 9240 South Highway 17-92, Maitland, FL 32751, (407) 657-7553

SuperBack
Protect data stored on a hard disk, RAM disk, or network device. Select or copy any or all files or

directories onto floppy disks. Data may be restored selectively by file, directory, or device. All features accessible from key commands or mouse. Clear screens and menus; concise manual, and in-depth tutorial with step-by-step back-up instructions. $79.95
Disk Company, The , 11022 Santa Monica Blvd. Suite 440, Los Angeles, CA 90025, (213) 478-6767

The Reaper
The Reaper is the first disk copier with public domain TEXT parameter files. These files allow total user programmability of the copy process. Features include: standard ASCII text parameter files, find shifted sector headers, find transposed sector header fields, edit MFM/GCR raw track data, edit decoded track data, and installs on hard disk. Not disk-protected. Execute custom programs from parameter files and Assembly language where it counts! $39.95
Conceptually Advanced Technologies, P.O. Box 3302, Santa Monica, CA 90403, (213) 452-1732

• CRYPTOGRAPHY •

LuCypher 1
Fast file encryption package with convenient Workbench interface for general file security and telecommunications security. Employs rotor-simulation algorithm with 16-character key for high speed and solid cryptographic security. Upgradeable to LyCypher 2. $49.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
please see display ad page 19

LuCypher 2
Complete RSA public key cryptographic system based on prime numbers up to 300 digits long. Fast-efficient implementation for Amiga. Ideal as key management upgrade to LyCypher 1. Includes LyCypher 1. For sale in US and Canada only. State- of-the-arts telecommunications security. ($2.00 shipping) $199.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
please see display ad page 19

Magicode
Encryption system allows file protection in single or multiple levels. Contest challenges you to break the system. $34.95
Magicircle Software, 5628 Hampshire Lane, Suite 203, Virginia Beach, VA 23462, (804) 671-9050

• DOS CONVERSION •

64 Emulator 2
Optional interface cable lets you use any Commodore 64 disk drive or printer. $59.95
ReadySoft Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

CrossDOS Version 4
MS-DOS file system. The program allows the user to transparently access MS-DOS or Atari ST formatted disks from any application or utility (which includes file requesters). CrossDOS fully integrates itself into the Amiga operating system. It will perform virtually all DOS functions on standard Amiga hardware. It uses standard Amiga 3.5" and 5.25" floppy drives to read and write 180K, 360K, and 720K MS-DOS/Atari ST disks. CrossDOS includes utilities to format diskcopy, and check the integrity of MS-DOS disks. AmigaDOS version 2.0 compatible. $39.95
Consultron, 11280 Parkview, Plymouth, MI 48170, (313) 459-7271
please see display ad page 38

DOS-2-DOS V3.4
Transfers files between MS-DOS or Atari ST and the Amiga. Reads/writes and formats 5.25" and 3.5" MS-DOS disks and Atari ST 3.5" diskettes. Converts ASCII file line ending characters and provides Wordstar compatibility. Query/replace options provide duplicate file name detection. Supports full directory path names, with wild cards in the file names, allows selection of MS-DOS and AmigaDOS subdirectory, and displays sorted directory listing. $55.00
Central Coast Software, 424 Vista Avenue, Golden, CO 80401, (303) 526-1030

Fruit Friend
File transfer utility allows the Amiga to read and write to Apple IIe ProDOS or DOS 3.5" disks; converts Apple IIe picture files to IFF. $49.95
Top Disk Software, 8 Creek Run Road, Newburgh, NY 12550, (914) 562-2129

MAC-2-DOS
Lets you read and write Macintosh diskettes on your Amiga, to and from 400K and 800K, using a standard Mac-compatible 3.5 external disk drive connected to your Amiga via the CCS interface. Converts MacPaint files to and from IFF and Mac ASCII files to and from Amiga ASCII. As it transfers files, MAC-2-DOS automatically transfers and converts icons for the files, or creates icons. Available in two distinct configurations: Package A includes a custom hardware interface, file transfer, and file conversion software. In addition to what comes with Package A, Package B also includes a Mac-compatible 3.5" disk drive, and driver software to enable it to be used as a standard Amiga storage device. A: $99.95; B: $349.95
Central Coast Software, 424 Vista Avenue, Golden, CO 80401, (303) 526-1030

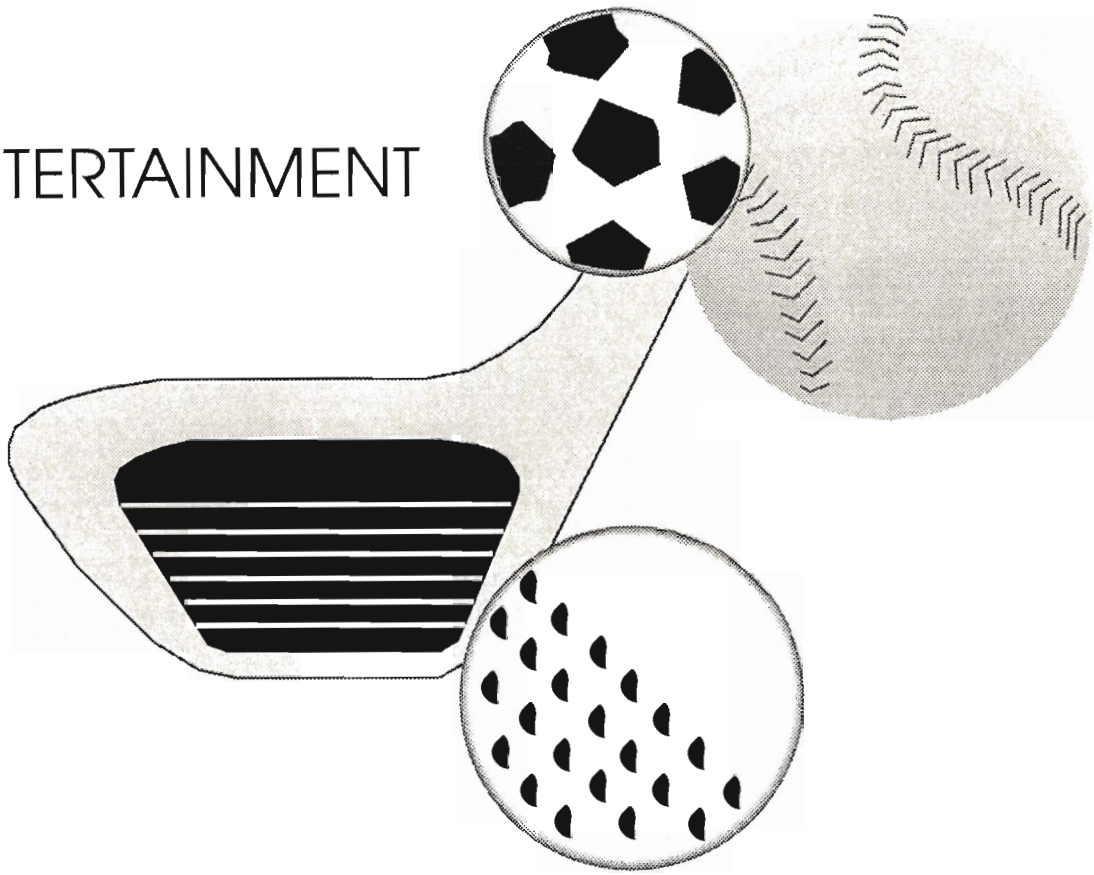
• FILE MANAGEMENT •

Disk-Master
File management software. Allows you to view and manipulate up to 80 files and directories at once. $49.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Amiga Virus Protection Toolbox
A book/software combination. The book describes the phenomenon of viruses and the measures you can take to protect your computer system from the harmful effects of a virus. The software hunts down the suspicious programs which may contain viruses. The toolbox includes a 160-page manual and describes how computer viruses work, what problems viruses cause, how viruses invade the Libraries, Handler, and Devices of the operating system, preventative maintenance that you can take, and how to cure infected programs. ISBN 1-55755-055-7. $59.95
Abacus Software, 5370 52nd Street S.E., Grand Rapids, MI 49512, (616) 698-0330

Anti-Virus
Anti-Virus is a virus-protection software package with a unique feature that should stop the proliferation of any Amiga computer virus—a visual anti-virus bootblock. The visual bootblock displays the Anti-Virus logo on the screen every time an Amiga is turned on or warm booted. If a virus is present when the computer is started, the logo will not appear. Comes with a utility, vCheck, that monitors virus transmission paths. The utility is placed in the Amiga startup-sequence and monitors each disk placed in the user's Amiga. Also comes with vTrojan, the only Trojan horse protection utility available, and ships with a bootblock cataloging program. $19.95
DevWare, Inc., 10474 Rancho Carmel Drive, San Diego, CA 92128, (619) 673-0759

ENTERTAINMENT



3-D Pool
3-D Pool does away with the cue stick and allows players to rotate the billiards table for unlimited angles of view for any shot. By rotating the table (as opposed to moving around it) left or right, up or down, players can obtain whatever viewing perspective they need. The cue ball is always in the center of the screen, and shots are made by lining up the object ball(s) with the cue ball. Players have complete control over the position of the cue, the amount and type of English on the cue ball, and the power behind each shot. 3-D Pool also differs from most billiards simulations in that it follows Monte Carlo, or European rules, instead of standard American regulations. Players in 3-D Pool can participate in practice games, two-player matches where they can take on a friend, or even in a tournament against computer players of varying skill levels. 3-D Pool also includes a demo game, and a special trick shot feature, where players can try to solve twenty of the most difficult, and popular, trick shots in billiards. $34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

4 in one!
Easy but fun. Four new and different games all on one disk. Play Slotcars, a fast action game for 1 or 2 players. Or entangle your opponent in a maze of wires in CircuitMania, for 1 or 2 players. Then try your hand at ShufflePuzzle, similar to sliding number puzzles but using beautiful color pictures. Finally, Follow That Tune by watching the bouncing boy jump from pedestal to pedestal playing a tune. $14.95
Polyglot Software, 884 W. Melrose Lane, Boise, ID 83706, (208) 336-4583

4 x 4 Off Road Racing
Choose your own vehicle and race across grueling terrain against the clock, the computer, or another opponent. $39.95
EPYX, 600 Galveston Drive, Box 8020, Redwood City, CA 94063, (415) 366-0606

48 Great Golf Courses of the World
For use with World Class Leader Board. Play along with the Pros as they travel the PGA Tour. Contact SaxMan Systems for price.
SaxMan Systems , 400 Walnut #403, Redwood City, CA 94063, (415)368-6499

4th & Inches
Joystick-controlled football simulation with spotter's P.O.V. from the press box. Players' energy levels decrease according to plays. You choose the starters. Each player has his own individual playing characteristics. $19.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

4th & Inches Team Construction Disk
Used with 4th & Inches, assemble your own teams for play. Assign all the stats, sizes and playing characteristics of each of your 4th & Inches players. $9.95
Accolade, 550 S. Winchester Blvd. Ste. 200. San Jose, CA 95128, (408) 985-1700

688 Attack Sub
Players experience the actual dilemmas faced by modern submarine commanders. In peacetime, players hunt and dodge foreign subs while trying to avoid ambiguous gestures that could lead to a shooting match with an opponent. You walk the razor's edge between practicing for war and actually starting one! As Cold War turns into full war, missions become increasingly dangerous. Players stalk ballistic missile submarines, attack enemy convoys and duel other hunter-killers to the death.
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

A Mind Forever Voyaging
Journey into the future as the first conscious intelligent computer in an anti-Utopian world. $14.95
Infocom, See Mediagenic

Aaargh by Arcadia
3-D hand-to-hand combat adventure featuring Cyclops or Godzilla in an action-packed quest for the Golden Dragon's egg. Rampage through frontier fortresses, a medieval castle, Mayan ruins, Egyptian temples, and everything else in sight. $34.99
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Action Fighter
You are Super Rider, assigned to carry out five dangerous air and ground battles in this Sega arcade game. You're riding a motorcycle, but if you find the right parts along the road it transforms into a supercharged sports car or state-of-the-art airplane. $39.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Advanced Dungeons & Dragons: Champions of Krynn by SSI
This is the first fantasy role-playing computer game to be set in TSR, Inc.'s popular Dragonlace game world of Krynn. The player guides a party of characters (up to six player characters and two non-player characters) through a web of intrigue and combat. Player characters include kenders and Knights of Solamnia as well as most races and classes of characters from the best-selling Dragonlace novels—Tanis, Tasselhoff and Caramon—as they struggle to overcome the forces of evil. New features include five different difficulty levels, moons with phases, and gods that grant special abilities to their clerics. Includes a special full-color poster. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Advanced Dungeons & Dragons: Curse of the Azure Bonds by SSI
After saving the entire city of Phlan and locating the Pool of Radiance, a simple trip to Tilverton should have been as easy as a noonday stroll. But it wasn't. Ambushed and knocked unconscious, you awake with no idea who attacked you or how you arrived in Tilverton. All you know is that five azure-blue symbols have been imprinted just under the skin of your right arm, and they seem to hold an evil, mystical power over you. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Advanced Dungeons & Dragons: Dragons Of Flame by SSI
Lead the eight Companions of the Lance on an action-filled quest through the wilderness of the Elven Mosaic where they gain valuable allies—the mysterious elves of Qualinesti. The Companions must also ally with non-player characters such as nomads and refugee townsfolk, sneak through the caves of Sla-Mori and into the fortress of Pax Tharkas. Inside the fortress, Companions must recover the sword Wyrmslayer and free the slaves held there by the evil dragons and Draconians. Each Companion has specialized skills. Use them along the way to evade Draconian patrols and to keep one step ahead of the malevolent dragons, giant wasps, griffins, wraiths, zombies and scores of other monsters. Triumph over evil to save the world of Krynn from Takhisis, the Queen of Darkness. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Advanced Dungeons & Dragons: Dragonstrike by SSI
This dragon combat simulator lets you ride the mighty dragons of Krynn into fierce combat. The War of the Lance has begun! You are the only hope for victory. As a brave Solamnic Knight, you must ride into aerial combat on the back of your trusty, powerful steed—a good dragon of Krynn! Uses the new AD&D 2nd Edition game rules. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Advanced Dungeons & Dragons: Dungeon Masters Assistant, Volume I: Encounters
This is a utility program that is a great timesaver for Dungeon Masters (DMs). With thousands of separate encounters, monsters, and characters provided, it can reduce game prep time by several hours per session. $29.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Advanced Dungeons & Dragons: Dungeon Masters Assistant, Volume II: Characters
A utility program designed to help Dungeon Masters generate characters and treasures for AD&D campaigns. Eliminates hours spent populating towns and generating player characters and henchmen; all can now be rolled up in a snap and can be made to appear on ready-made character sheets with all pertinent information ready-to-use. Sheets can be printed for instant use. $29.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Advanced Dungeons & Dragons: Hillsfar by SSI
Hillsfar combines features of both adventure and action-style games. Shortly after arriving in the city of Hillsfar, each character is sent on a series of quests. The game automatically modifies each subsequent quest depending on the character's class. Each character must successfully complete several action-oriented events: archery, maze exploration, arena combat, lockpicking, and equestrian challenges. If successful, various rewards await the victor: gold, experience, and even magical items. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Advanced Dungeons and Dragons: Heroes of the Lance by SSI
Enters you along with eight skilled companions into the ruins of the temple Xak Tsaroth. Here you battle against Khisanth's evil creatures for the magic key. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Advanced Dungeons & Dragons: Pool of Radiance by SSI
The first in a line of software created by SSI in collaboration with TSR—producer of the legendary AD&D fantasy role-playing system. Located on the northern shore of the Moonsea in the Forgotten Realms, the fabled city of Phlan has been overrun by monsters led by a mysterious leader. Your quest: discover the identity of this evil force and rid Phlan of its scourge. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Adventure Construction Set
One to four players can build their own graphic and text adventure from a library of existing playfields, characters, weapons, objects, and sounds. Or create game paraphernalia of your own design. High resolution, realistic sound. Predefined themes include: fantasy, contemporary mysteries, spy drama, and sci-fi. $19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Adventures Through Time, Vol. I: The Scavenger Hunt
Scavenger Hunt is an animated text adventure game, in which you become Buck Walker, the son of a 21st Century time traveler. Journey into the past in search of five historical artifacts to become the winner of the first scavenger hunt throughout time. Features include overscan graphics, multitasking, mouse/keyboard shortcuts, an advanced text parser and smooth animation. $49.95
Aurum Software, P.O. Box 5392, Ventura, CA 93005, (805) 659-3570

After Burner by Sega
Pilot an F-14 Tom Cat through a variety of exciting rescue missions in the home-computer version of Sega's arcade smash hit. Feel the power and the rush of being airborne as you control air speed, flight direction, and weapon selection. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Age of Sail
Relive 17th–19th Century tactical naval battles. 2–40 players. Play on one Amiga, via null modem, or via bulletin board service. $39.95
McLEAN Simulations, 1343 RT. 163, Oakdale, CT 06370, (203) 433-3566

ENTERTAINMENT

Airball
The Evil Wizard has turned you into an Airball—with a slow airleak. You must search over 300 rooms to find the spellbook, which contains the ingredients needed to turn you back into a human. Hurry, before you run out of air. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Ajax
Engage in intense combat with jet fighters, tanks, ships, helicopters, and aircraft carriers as you try to save Earth. Joystick controlled. For one player only. $44.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Alien Fires—2199 A.D.
Scientific role-playing. Assume the role of Time Lord, a mythical time traveler, and seek out a time machine you must destroy at all costs. Customize your character: decide on strengths and weaknesses in fighting, diplomacy, dexterity, etc. Rock soundtrack, digitized sound, speech synthesis. Smooth scrolling 3-D color graphics. Sophisticated character interaction. $39.95
Paragon Software Corporation;, 600 Rugh St., Greensburg, PA 15601, (412) 838-1166

Alien Syndrome by Sega
Aliens have taken over an out-colony and are holding your friends hostage. In this Sega arcade game, you'd better move fast because soon, a time bomb will get all of you. $39.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Altered Beasts by Sega
Summoned by Zeus, God of Thunder, you have been awakened from the dead to challenge the wicked Neff, God of the Underworld, for the fate of Athena. You are the Altered Beast bestowed with five formidable forces of tranformation—each more ferocious, more overwhelming than the last. In this worldwide arcade hit you destroy Grave Masters, Chicken Stringers, Cave Needles, and other treacherous foes. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Altered Destiny
As P.J. Barrett, your intentions to spend the evening watching a film festival on television with your steady girlfriend are drastically changed. The moment P.J. settles down with popcorn in front of the television set, he is literally sucked through the screen into a fantastical alternate world unlike any he could have ever imagine. In this other world, P.J. meets JonQuah, who sends him on a mission to find Helmar, JonQuah's twin brother who has been corrupted by a jewel with destructive powers that are slowly destroying their universe. P.J. must search this strange world to find Helmar and the jewel, which must be returned it to its rightful place. If P.J. fails, this world will not only cease to exist, but he will be unable to return to his own. $59.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Alternate Reality: The City by Datasoft
Fantasy role-playing adventure game. Explore The City, fully populated with new creatures. Secret doors lead to adventure. Internal clock times sunrise and weather. $39.95
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Amour-Geddon
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Anarchy
Whether you liked or loathed Defender, you'll love Anarchy. The speed at which the screen rolls is dazzling and the number of aliens, bullets, and other miscellaneous objects that are animated simultaneously is remarkable. Anarchy features full-screen, horizontal, 4-level parallax scrolling, arcade running speed (50 frames/sec.), up to 80 aliens attacking simultaneously, full-screen animation sequences of over 450 screens, 4-channel sampled soundtrack and saveable Top 50 Hi-Score table. $39.99
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Infocom, See Mediagenic

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Arcade adventure in days of old! As Artura, you must maneuver the mystical wheel of Cerridowen to rescue Ninue, the beautiful keeper of the secret of the lost ancient treasures, from the stronghold of the evil half-sister, Morgause. Overcome ghouls, spiders, soldiers, and giant rats to find the mystic rune stones which will help your quest. $39.99
Virgin Mastertronic International, 18001 Cowan Street, Suite A & B, Irvine, CA 92714, (714) 833-8710

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New multi-level arcade game with challenges and surprises for the experienced gamer. Charlie the Chimp has talked his good friend Penguin Pete into helping him rescue Charlie's Aunt, who has been kidnapped by Big Borus, the evil ringmaster. He has forced her to work in his circus in the Arctic. You must battle your way through each of 50 levels. Full stereo sound effects and music. 5400 full-color screens. $39.95
Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

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Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Axe Of Rage
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Bandit Kings of Ancient China
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Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

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ENTERTAINMENT

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California Access, 780 Montague #403, San Jose, CA 95131, (408) 378-0340

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Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

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The player joins poor Bobo Inzeeslammer, helping him stay ahead of his menial chores and plan his escape. Bobo's no penal pushover! From morning to night, the player runs Bobo ragged trying to keep the ol' cell block shipshape. $34.95
Antic Publishing, 544 Second St., San Francisco, CA 94107, (415) 957-0886

Bomb Busters
It is the year 2001... During a recent wave of terrorism, bombs were planted throughout the famous buildings of the world. You, as leader of the crack bomb squad, Bomb Busters, have been summoned to defuse the bombs. Equipped with only a jet pack, you must fight your way through 100 levels on two disks and save the world. But hurry ... time is running out! $29.95
ReadySoft Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Boomeraid
Witness outback bushman removing social undesirables from the city park using a spear and boomerang. These weapons follow graphed flight paths, with control through a mathematical equation. Also included: Mathbench graphing tutor, teaching graphing concepts, and 20 questions to test knowledge on subject matter. Game uses concepts learned in tutor. $39.50
TSA Media/American Software Distributers, RR 1 Box 290 Bldg. 3, Urbana, IL 61801, (217) 643-2050

Bowling
Bowling action game. Player uses the mouse to throw the ball. $19.95
Silver Software, 1922 Purchase Brook Road, Southbury, CT 06488, (203) 264-2583

BrainBlaster
Two games designed to scramble your brains and challenge your reflexes: Xenon 2, a coin-op quality action game with a hot soundtrack to match, and Bombuzal, a fast-moving strategy game with over 120 levels of mayhem in 2-D overhead and 3-D isometric points of view. $39.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Breach
One-player tactical squad combat game. Includes intelligent opponents, multi-level combat areas, many pieces of equipment, and several combat scenarios. Includes scenario builder. $39.95
Omnitrend Software, Inc., P.O. Box 733, West Simsbury, CT 06092, (818) 700-0742

Breach 2
The campaign continues! Lead squads of marines into more sophisticated scenarios. Features animated play and digitized sounds. $49.95
Omnitrend Software, Inc., P.O. Box 733, West Simsbury, CT 06092, (818) 700-0742

Bride of the Robot
Adult graphic/text adventure. The further adventures of Captain Brad Stallion. Miss Galaxy has been kidnapped by a runaway robot! Your mission is to rescue her. $39.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Bridge 6.0
The latest version of Bridge has significantly improved bidding and play and numerous new convenience features. As before, Bridge 6.0 bids and plays out the hand, recognize blackwood and stayman conventions and replay interesting hands, as well as deal an opening hand if requested. The auto-bid and play features have been expanded to include a suggested bid; the minimum point count for an opening hand can now be specified up to 25 points; the last trick and bidding can be reviewed and the bidding now takes into account partial game scores. In addition, you can play either contract or duplicate bridge. In the duplicate mode, the program deals the same hand twice, switching positions to allow the user to play both offense and defense. The program will deal millions of different hands and you can even set up your own hands and save them to disk for replay at a later time. $39.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

British Open Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Carnoustie, Royal St. George's (Sandwich), Royal Birkdale, The Honorable Company of Edinburgh Golfers (Muirfield), Royal Lytham and St. Annes. 43 Opens! $20.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

Bubble Bobble
These are two hungry Dino-Mights and they've got bubble-fight'n fun down tight. You and your brontosaurus buddies, Bub and Bob, are up to your brows in bubble trouble. You've got to battle battalions of bullies by blowing and bursting billions of bubbles. It's a fast-paced bubble banquet through over 100 screens of slap-happy suds. $34.95
Taito Software, Inc., 267 West Esplanade, N. Vancouver, B.C., Canada V7M 1A5, (604) 984-3344

Bubble Ghost
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Buck Rogers: Countdown to Doomsday by SSI
The first science-fiction computer role-playing game based in TSR's new Buck Rogers XXVc game world. Uses a specially enhanced version of SSI's AD&D computer fantasy role-playing system. You and the members of your team must join Buck and his allies to rid the solar system of the powerful, despotic Russo-American Mercantile (RAM), which holds the solar system in its iron grip. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Budokan
Welcome to Tobio Ryu Dojo. The journey of a thousand steps begins here. What will impress you most on your journey? Will it be the fluid character animation? Or will it be the hard training you endure in the authentic arts of Kendo, Bo, Nunchaku, and Karate? Or will the twelve black belt opponents at Budokan, with their amazing cunning and talent, etch deepest in your mind? Walk the path of the warrior in Budokan. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Bureaucracy
Get your bank to acknowledge your change-of-address form while you entangle yourself in endless red tape that leads you to a ravenous llama and the top of a tree in the Zalagasan jungle. $14.95
Infocom, See Mediagenic

CLOWN-O-MANIA
CLOWN-O-MANIA is the adventure of Beppo the Clown. Beppo has spent his whole life exercising the laugh muscles of thousands of enraptured audiences. One evening, in the empty circus stands, he finds a map showing the way to a country full of priceless crystal. From this day forth Beppo gives up his life as a clown and decides to set off on a journey into a new world. Accompany Beppo through this amazing crystal wonderland with 70 levels full of riddles and tasks, 3-D screen construction and soft-scrolling in all directions, hilarious upside-down play, great music during gameplay, and lots of enemies and surprises. $34.95
Star Games, 708 W. Buffalo Avenue, Suite 200, Tampa, FL 33603, (813) 222-0006

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Your mission (should you choose to accept): rescue an American ambassador from a group of fanatical terrorists. If you are up to the challenge, then step forward and join the global action of CODENAME: ICE MAN, a new genre of Adventure/Simulation Game from Sierra. ICE MAN allows you to experience a futuristic nuclear attack submarine simulator. Guide this advanced stealth sub across the globe and into combat with enemy warships. New enhancements of SCI produce a very authentic simulation. An optional mouse works the gauges and steering wheel in the submarine; an improved parsor provides a much more lifelike feel to the action. As Johnny Westland, a member of an elite U.S. Navy SEALS (Sea, Air, Land) commando team, you must travel undetected, via a state-of-the-art nuclear attack submarine, to rescue the ambassador-and time is running out! $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

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Scenery add-on disk for The Duel. $19.95
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EPYX, 600 Galveston Drive, Box 8020, Redwood City, CA 94063, (415) 366-0606

Capone
Action and adventure in Chicago in the 1920s. Use your machine gun to beat the gangsters. Liven up the action with The Phaser, a real light gun sold separately. $39.95
Actionware, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (800) 848-2333

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Award-winning visual effects and a revolutionary icon language transport science-fiction fans to a new dimension in this sophisticated adventure game. Your mission: search the galaxy and interrogate aliens to track down the five clones draining your energy force. Includes a vast universe of more than 32,000 planets, dazzling graphics and digitized music and sound. $49.95
Ocitree Software, Inc., 311 West 43rd St. Suite 904, New York, NY 10036, (212) 262-3116

Captain Fizz Meets The Blaster-Trons
You and a friend will put your minds together to figure out the tactics that will get both of you through the game's 20 fiendishly compulsive levels. Don't be surprised if you can't tear yourself away! While there's no shortage of alien blasting in this game it's only there to give you and your partner breathing space to work out what on earth to do next; like, who's got the guts to sacrifice his life for the greater good of the game ... and who knows, you may even get close to winning. $29.95
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

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Dungeon Master players everywhere are waiting to take on their arch rival in Chaos Strikes Back. $39.95
FTL Games, 6160 Lusk Blvd. C-206, San Diego, CA 92121, (619) 453-5711

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Mindware International, 110 Dunlop W. Box 22158, Barrie, Ontario, Canada L4M 5R3, (705) 737-5998

ENTERTAINMENT

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Realism Entertainment, 6 N 522 Pine, Bensenville, IL 60106, (708) 595-7487

Chronoquest
Your quest begins in your father's chateau circa 1920, where you find his latest invention: A fantastic time machine. You are the prime suspect of your father's murder, but a letter from him leads you to think he has escaped into the future. You must find fragments of a magnetic card needed to drive the machine home. Brilliant graphics, full icon control, 3 disks. $49.95
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

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Following on the adventure game Chronoquest—a frantic race through time in the fantastic Time Machine Explora to find your father's murderer—you have now accomplished your task and are about to return to your family chateau, 1922. Explora is still there, but does this technological wonder—invented by an old scientist at the beginning of the Twentieth Century—have enough fuel to take you back to your origin? Catapulted into the world of the unknown, you are going to have to use every last bit of intelligence to survive the trials that await you. There's more than your life at stake as you cross the paths of some of history's most seductive (and deadly) damsels, fearsome beasts, temperamental Gods, and naughty heroes. $49.99
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DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Clue Master Detective
Play your favorite game of criminal detection with friends, or against the ultimate master of deception, your computer! Play with a mixture of human and computer-controlled opponents. $39.99
Virgin Mastertronic International, 18001 Cowan Street, Suite A & B, Irvine, CA 92714, (714) 833-8710

College League Option Module
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SportTime Computer Software, 3187-G Airway Avenue, Costa Mesa, CA 92626, (714) 966-1311

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This program offers exceptional graphics, four different sets of chess pieces, complete control over screen orientation (view board from any angle), six playing modes. A unique feature is its ability to learn new lines of play based on its experience playing against opponents. $34.95
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Get out those fatigues—you've just been drafted into a top-secret training camp for the military elite. Test your skill and endurance in four fast-paced training levels, then build your own obstacle course for the ultimate challenge. $39.95
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Dack MacKenzie is your name, the most fearless and hotheaded one-man army this country has seen! Ballistics expert, tank operator, and ace helicopter pilot, you do whatever it takes to get the job done right the first time. Operation Skylark is your next assignment, the most difficult and dangerous yet. Enemy forces have been detected on American soil, and it's your job to stop them cold! Use combat skills to blast apart waves of enemy attacks! $14.99
Keypunch Software®, 1221 Pioneer Building, St. Paul, MN 55101

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Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Conquests of Camelot
A tale that has been told through the centuries will soon become a Sierra 3-D animated adventure game. From the highest rampart of Camelot to the Holy Land, across storm-tossed seas, Conquests of Camelot will take you in search of the Holy Grail, a search determining your will, your faith and your physical prowess. Holding true to the mythical Celtic legend, all of your favorites are here with graphics and sound that bring new life to a tale often told: King Arthur, Gwenhyver, Sir Lancelot, and Merlin, who knows all. In simulated combat, you will wield Excalibur, the sword of Kings, and joust from horseback, as you journey to find the lost Grail. Call company for details. $59.95
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Be the first tennis ball to come to life. Bounce and dodge your way through 22 scrolling levels, which are cluttered with death tiles, acidic blobs, super bonuses, and disappearing floors! Earn the title Cosmic Bouncer! $29.95
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Find Professor K.K. Renegade, the only man who can save Earth from asteroid devastation. Direct one of five explorers over caverns, across a tightrope, even over the clouds on a vacuum cleaner as you search for Earth's only hope. Use tools you find along the way to help in your quest. Humorous graphics and stereo soundtrack. $34.95
DataSoft, Distributed by Electronic Arts

Courtroom
You select the case (robbery, embezzlement, etc.), the type of judge (liberal, conservative, etc.) and play the prosecutor or defense attorney in this legal affairs drama. Review statements and material evidence, select witnesses, and convince a majority of the jury to win your case. $49.95
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Creature
Distress calls received from deep space report hostile alien life forms, and you are the only space security captain within range. Will your light phaser (sold separately by Actionware) be enough to stop the aliens? And what of the rumors describing an unstoppable beast that lurks within the walls of the space station? This may turn out to be your worst nightmare, for it is ... Creature! Also uses mouse. $39.95
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Two brilliant card game programs in one package! Gin King will astound you with its stunning full-color, high-resolution graphics and challenging play. Cribbage is one of the world's oldest and most popular card games. Now with Cribbage King you can play cribbage like a king! Package includes free cribbage board and a deck of Bicycle playing cards. $59.95
Software Toolworks, The , 19808 Nordhoff Place, Chatsworth, CA 91311, (818) 885-9000

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Infocom, See Mediagenic

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A gang of extremely dangerous convicts is trying to escape from the federal prison planet. If the gang of prisoners succeeds in reaching Earth, who knows what can happen? Your mission (Codename: Survival Edge) is to capture the convicts while they are still on the planet, bur first you must neutralize the ultra-sophisticated tanks which they have stolen and are using in their escape attempt. You are in command of the pursuit tank squad. Your tanks are all equipped with the latest in detection devices and technology. Be the ultimate strategist, and lead your team in defeating the bloodthirsty convicts. Get ready for the fight of your life and remember—show no mercy! $44.95
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Walt Disney Computer Software, Inc., 500 S. Buena Vista Street, Burbank, CA 91521, (818) 567-5360

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Spend a day at the race track with a full card of ten races. Check your racing form and handicap the races. taking into account the horse. jockey, and track conditions. Then place your bets and watch the action of the race in 3-D scrolling graphics. $29.95
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Media Technology Limited, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

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Conquer numerous perils and defeat the Black Knight in the Castle of Doom. Search the castle's halls; but watch out for the bats, rats, vultures, mutants, magic brooms, and whip and rock wielding henchmen. Fourteen levels of increasing difficulty. Animated color graphics and digitized sound effects. $44.95
Three-Sixty, Inc., 2105 S. Bascom Ave., Suite 290, Campbell, CA 95008, (408) 879-9144

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The explosion of the planet Xerxes has plunged its eight orbiting colonies into deep space. Forced to rebuild, they are seeking out a new home planet. You must guide and protect the eight survival pods through their dangerous voyage and lead them to sanctuary. Fight up to 128 intelligent enemies simultaneously; 3 skill levels. Special powers include: shields, smartbombs, and cloaking devices. $39.95
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A galactic action-adventure in which players direct a powerful attack android in the rescue of a defense installation seized. $49.95
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Whodunnit murder mystery with 6 suspects and a 12-hour time limit. $9.95
Infocom, See Mediagenic

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Cosmi Corporation, 431 N. Figueroa St., Wilmington, CA 90744, (213) 835-9687

Defender of the Crown
The age of chivalry! A time of lusty wenches and blackhearted villains. The King has been murdered and England thrown into civil war! Amidst the ringing clash of steel and the thunder of charging steeds, the bold Saxon knights have chosen you to lead them in battle against the hated Normans. Victory will not come easy. To save England, your skills as swordsman and military leader will be severely tested. But should you succeed, you'll win the Crown of England and the love of many a beautiful damsel! $49.95
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Deja Vu II: Lost in Las Vegas
From the creators of Deja Vu, Uninvited and Shadowgate comes this interactive graphic adventure game. You've been abducted by two thugs from Chicago, knocked senseless ... and now. if you don't come up with $100,000 in seven days, your number is up! $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Deja Vu: A Nightmare Comes True
This is the first all-graphic adventure game from ICOM Simulations. You wake up with a bout of amnesia and quickly realize that you're being framed for murder. You'll feel as if you're in a 1940s film as you gather clues to clear your name. $49.95
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Demon's Winter by SSI
A fantasy role-playing game set in an immense, highly detailed world that promises days of discovery, adventure, and excitement. The five characters that make up your party can be Humans, Dwarves, Elves, or Dark Elves, each rated for speed, strength, intellect, endurance, and skill (qualities that increase as the game progresses). Although Malifon is trapped inside a volcano, he is far from powerless. Gathering all his energy, he has cast a spell so mighty that the entire world is thrown into a deep, frigid winter. You must search the lands and seas for the spells needed to trap Malifon forever, and undo his curse. $29.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404. (800) 245-4525

Denaris by Hard Wired
Throughout time, Man has been a victim of his own intelligence and his insatiable thirst for knowledge. The planet Denaris is a horrifying example. Scientists created Machines which became so sophisticated they no longer depended on man; so began a rule of tyranny. The Denarian people tried in vain to destroy the Machines with a mighty ballistic missile, but from the ashes of the nuclear fires the Machines rose up more powerful than ever. Trapped in an underground stronghold, now the Denarians' only hope for freedom is the DS-H75 Eagle Fighter, an ultra-refined space glider. Control the Eagle Fighter in this epic crusade against evil... and win freedom at last for Denaris. $39.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga Ontario, Canada L4W 5A1, (416) 602-4000

Destroyer
WWII in the Pacific on a U.S. naval destroyer. Manage the entire ship, or man a single station. Torpedoes, anti-aircraft guns, depth charges, more. $39.95
EPYX, 600 Galveston Drive, Box 8020, Redwood City, CA 94063. (415) 366-0606

Dinowars
Play this interactive strategy with fully animated arcade sequences and a complete encyclopedia against the computer, or another player. Join forces in two opposing armies featuring eight of the best-known dinosaurs of the prehistoric era. Choice of 5 different board setups. A multiple-disk package. $39.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Distant Armies
The playing history of chess. Includes 10 forms of chess, each programmed with its own board, pieces, and rules. Several levels with two- and three-dimensional views; extensive on-line description of each game's history and rules. Includes Chaturanga, Chinese Chess, Burmese Chess, Shatranj, Byzantine chess, Medieval Chess, Courier, Turkish Chess, Decimal Chess, and Maniac. $44.95
Eagle Tree Software, P.O. Box 164, Hopewell, VA 23860, (804) 452-0623

Distant Suns
Version III of the award winning Galileo planetarium simulation. Distant Suns won the '88 CES (Consumer Electronics Show) award for the most innovative educational product and was named *Amazing Computing*'s best educational product for '89. Distant Suns turns your Amiga into a planetarium. The sky can be viewed from any place on Earth or from the North Pole lying on your back looking upward in planetarium mode. Accurately replays 10,000 years of what the sky looked like, and projects 10,000 years into the future. The beautiful and realistic color simulation of the sky was created by R. Mike Smithwick, a NASA astronomer. This is a vastly complex program, but *Sky and Telescope* magazine says there are few complex programs you can learn to operate so quickly and effortlessly. Distant Suns is fun, in addition to being powerful and visually stunning. Requires 512K. Arthur C. Clarke, author of *2001: A Space Odyssey*, said "I'm totally awed by what you have done! ... It's beautiful, especially when the lights are off ... congratulations ... ." $69.95
Virtual Reality Laboratories, Inc., 2341 Ganador Court, San Luis Obispo, CA 93401, (805) 545-8515
please see display ad page 24

Dominoes
Classic board game with 3-D graphics. Easy to learn, hard to win. $12.95
Polyglot Software, 884 W. Melrose Lane, Boise, ID 83706, (208) 336-4583

Double Dragon by Arcadia
Arcade hit about Billy and Jimmy Lee, twin brothers learning to fight on the cold, tough streets of the city. Their expert knowledge of martial arts and their street smarts have made them formidable fighters. Help them pursue the gang that has kidnapped Billy's girlfriend and win the final confrontation. A fighting classic! $39.99
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Double Dragon II: The Revenge
Twin brothers, Billy and Jimmy Lee, must join in deadly combat with the savage Black Warriors to free Billy's girl Marion. Using martial arts expertise and whatever weapons they can grab, Billy and Jimmy pursue the gang to the secret lair of the Shadow Boss for a final confrontation. $39.99
Virgin Mastertronic International, 18001 Cowan Street, Suite A & B, Irvine, CA 92714, (714) 833-8710

Double Dribble
The ball is in your court, and it's time for a little 5-on-5. You know every trick in the book, but so does your opponent. He'll match you man for man, move for move. Slams, steals, switching defenses, and fast breaks—the clock is ticking, the coach is screaming, the pressure's on. Will it be in the hoop ... or in your face? Features simultaneous play for 2 players, or one player against the computer. Joystick controlled. $39.95
Konami, Inc., 900 DeerField Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Downhill Challenge
Ski-racing simulation allows players to compete in downhill, slalom, giant slalom, and jumping events. Three levels; 3-D animation. $29.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Dr. Doom's Revenge
An interactive comic book. State-of-the-art, full-screen comic book pages, drawn in dazzling color and featuring the authentic Marvel look. Each page of the game shows Spidey and Cap's progress through Doom's castle. Over 30 challenging arcade sequences give you control of Spiderman & Captain America as they battle Dr. Doom & his super villains. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Dr. Plummet's House of Flux
More than a run-of-the-mill gravity game. It is 28 screens of the most bizarre, humorous and frustrating challenges in the universe, spread over four selectable missions, each one more difficult that the last. It's fighting aliens and twisted, unpredictable forces of Dr. Plummet's fortress. But best of all, it's an entertaining way to turn off those overworked brain cells for a while. $34.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Dragon Lord
Enter a fantasy world of magic, dragons and feudal warfare. As Dragon Lord, breed and train a fighting force of dragons; blend spellcasting potions in your magic lab; and wreak havoc against all who oppose you. If you become the first of the three lords to piece together the magic talisman, you achieve the ultimate prize—immortality! Requires 1MB RAM. $49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362. (805) 495-6515

Dragon Wars
Fantasy role-playing in an island world. Players must escape from prison, find out why magic has been banned on the planet, and prevent the unleashing of the dragons guarding the city-states. $44.95
Interplay Productions , 3710 S. Susan, Suite 100, Santa Ana, CA 92704, (714) 549-9001

Dragon's Lair
The much-awaited arcade classic. Six digitized disks bring the coin-op laser legend to the Amiga. As Dirk the Daring, you try to rescue Princess Daphne from the evil Dragon, Singe. Requires 1MB RAM. $59.95
ReadySoft Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

ENTERTAINMENT

Dragon's Lair: Escape from Singe's Castle
Plunge further into the depths of the Dragon's Lair! Just when you finally rescued Daphne from Singe the Dragon, along comes his master, the Evil One, and steals her away again. Match wits with the new challenges that confront you as well as totally new encounters never before seen in the original Dragon's Lair. Muster all your skill and cunning to free Daphne once again in a brilliant final battle deep within the cavernous dungeons beneath the Castle. Escape from Singe's Castle installs on any hard drive, runs multitasking, and even links with the original Dragon's Lair to allow you the ultimate playing experience. $69.95
Media Technology Limited, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

Dragonscape
Dragonscape is one of the wackiest, fastest, toughest, most addictive fantasy shoot-'em-ups for the Amiga. Featuring 64-way scrolling, four multi-screen levels, a full musical soundtrack and 100 types of opponents, Dragonscape is fast, furious fun. $39.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Dream Zone
Graphic adventure game set in the land of your dreams. A mad scientist's elixir has turned your dream world into a reality. It's up to you to call upon your logic, imagination, persistence, and sense of humor to locate and overcome the source of your nightmares. Over 100 exotic locales to explore while conversing with multitudes of people, animals, and things. Type simple English commands or click on objects to collect objects, seek clues or invite company on your journey. $49.95
Baudville, 5380 52nd St. SE, Grand Rapids, MI 49512, (616) 698-0888

Dungeon Construction
Set up new labyrinths and scenarios, or create monsters, treasures, and magic items. $39.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Dungeon Master
Real-time dungeon exploration with 3-D view. Levels upon levels of monsters, puzzles, and more. Mouse-only interface. Quick reference answers manual available (see "Books & Tapes" section). $39.95
FTL Games, 6160 Lusk Blvd. C-206, San Diego, CA 92121. (619) 453-5711

Earl Weaver Baseball
Baseball simulation game challenges your skill as a batter, pitcher, fielder, and manager. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Earl Weaver Baseball Data Disk
Statistics from 1986 major league teams. $19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

EbonStar
Skill and strategy. Avoid satellites, armed drones, and the Warp to destroy competitors by hurling them into the synthetic black hole. 1—4 players, 50 levels of complexity. Fast-paced, free-flowing graphics and animation are sure to keep you captivated! $34.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Echelon
True simulation puts you in control of the C104 and in the heart of the action. You operate the craft from inside control room. As the top ISF pilot, you are in command of the C104 Tomahawk stationed in patrol zone 106. As the only patrol craft in the zone, you must fly daily reconnaissance missions. Search for artifacts and clues that reveal location of the space pirate stronghold. $44.95
Access Software, Inc., 545 West 500 South Ste. 130, Bountiful, UT 84010, (800) 824-2549

Eliminator
Space highway arcade game. $34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Elvira, Mistress of the Dark
Featuring the sultry Elvira, the world's most famous spokesperson for ghouls and goblins, this game leads players on a ghostly and grisly role-playing adventure through a demon-filled medieval castle. Search for "The Scroll of Spiritual Mastery" sealed in a chest bearing six different locks. You must find this before Elvira's relative, Queen Emelda, who recently rose from the dead. In your search, you will cast spells using the book of magic spells while fighting off evil creatures.
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Empire by Interstel
Stop the imperialistic Krellans from total domination of Alliance airspace in this strategic simulation that features global conflict, conquest, and empire building for one to three players. Begin with one city on a large unexplored planet and try to capture cities and build up a defense against the Krellans. Features air, land and sea combat and a large arsenal of weapons. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Enchanter
You are a novice magician in a world of wizards and spells. Combat the Evil Warlock, using spells you've acquired through your travels. $14.95
Infocom, See Mediagenic

Enchanter Trilogy
Enchanter, Sorcerer, and Spellbreaker all in one package. $29.85
Infocom, See Mediagenic

European Challenge
Scenery disk for The Duel. Journey through Germany, Switzerland, Holland, France, Spain, and Italy. $19.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Eye of Horus by Fanfare
Eye of Horus is an arcade adventure game set in ancient Egypt, in which the player relives the ancient myth of Horus. As Horus, the player can transform from man-god to hawk at will in search of the missing pieces of his father's body. However, somewhere in the confines of the tomb lies the awesome presence of your evil Uncle Set, who wants to destroy you! $39.95
Britannica Software, 345 Fourth Street, San Franciso, CA 94107, (800) 572-2272

F-19 Stealth Fighter
Features an advanced cockpit with two multi-purpose display screens, a radar scope and 3-D window viewing with a superimposed heads-up display (HUD). More than 30 separate controls are used to regulate flight, engage in combat and surveillance, and maintain the plane's electromagnetic profile. Scenarios are based on missions Air Force pilots have flown in training, or actual missions. The action moves at Mach speeds on missions in North Africa, Central Europe, the Persian Gulf, and the North Cape of Scandinavia. It provides a constant challenge for beginning and expert game players. The game features authentic, state-of-the-art weapons and threats with heat-seeking, radar-homing and video guided missiles, plus laser-guided and free-fall bombs. $69.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

F/A-18 Interceptor
Fly the F/A-18 Interceptor into combat to defend Air Force One. Includes six combat missions, free flight, and a training mission. In free flight mode, you can try to fly under the Golden Gate Bridge or over Alcatraz. Land on the U.S.S. Enterprise on a training run. Variety of weapons, 3-D graphics, real-time digital map, first-person perspective, zoom function, ejection seat, and sound effects. Requires minimum 512K; 1MB suggested. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

F40 Pursuit Simulator
At the wheel of the fabulous Ferrari F40, tear through four states in search of the quickest way to accomplish your mission. Plan your route carefully from the map of each state displayed on screen. It will show the actual byways that you can speed on. Your Ferrari features the latest

radar, enabling you to detect police road blocks. Realistic 3-D road junctions, hills, and superb graphics. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Faery Tale Adventure
Guide three brothers on a quest to save the land of Holm from the forces of night. Traverse caverns, mazes, forests, mountains, deserts, islands, castles, and more. Over 19,000 playable screens. 3-D overhead perspective lets you watch as goblins, skeletons, and ogres pursue the brothers. Music changes to foreshadow action, just like in the movies. Adjustable music and sound. $49.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Falcon
Become the pilot of a realistic but playable F-16 simulation. Controls, heads-up display, and radar conform to current avionics of the F-16A. Game includes twelve missions which vary from air-to-ground bombing runs to dogfighting up to three enemy MiGs at a time. The most outstanding feature is the ability to go head-to-head against an opponent on a second Amiga. Advance from 1st Lt. to Colonel with increasing abilities such as the Immelmann, yo-yo's, loops, and scissors. Incorporates real action sounds, including engine start-up, machine gun, missile launch. Four cockpit views and three tower views, zoom-in and zoom-out features. So realistic, Falcon is being used in a military aircrew training program. $49.95
Spectrum HoloByte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-0107

Famous Courses Disk Volume #1
Featuring Harbour Town, South Carolina; Sunningdale, London; Dorado Beach, Puerto Rico; and the most difficult and challenging course, Pine Ridge. Each course features a scorecard printout, a top view, and an all new Punch feature which lowers the trajectory of the ball and assists in tree play. Requires World Class Leaderboard. $19.95
Access Software, Inc., 545 West 500 South Ste. 130, Bountiful, UT 84010, (800) 824-2549

Famous Courses Volume II
More golf course challenges for owners of Mean 18 include Inverness Club, Turnberry, and Harbour Town. $19.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Famous European Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Club de Golf Sotogrande, Spain; Chantilly, France; Falsterbo Golfklubb, Sweden; Club Zur Vahr, Germany; and Royal Liverpool (Hoylake), England. $20.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

Fast Break
Three-on-three basketball with double-clutch, mid-air, off-the-glass animation. Go to the playbook for 15 offensive and 5 defensive pro styles. Design your own plays with the exclusive Playmaker feature. View network television court perspective. $44.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Federation
Federation is a strategic space trading and combat adventure with a built-in space flight simulator. Designed with a variable weapons system, complete with other ships, and a sophisticated ship-board computer, Federation is as close as it gets to experiencing an electrifying journey through space. Beginning with low-risk tasks, such as delivering packages to distant planets, players work their way up from Space Courier to Admiral of the Space Federation as they tackle 15 increasingly difficult missions in a hostile universe. A game with 32,768 galaxies to explore, high-quality, filled 3-D graphics, and a professional music soundtrack, Federation is an epic space adventure where time is endless, the universe boundless, and the future utterly terrifying. $49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Femme Fatale
A digital puzzle for adults. 10 exquisite girls digitized in full color. Large, full screen images. 5 difficulty levels (25, 40, 64, 80, and 100 pieces). Digitized feminine voice assistance. Load/Save game options, hints, undo, status. Choose from our superb library of Digitized Data Disks or use your own images. Entertaining and addictive. $34.95
Graphic Expressions, P.O. Box 110028, Nutley, NJ 07110, (201) 661-0408

Ferrari
Formula One Grand Prix Racing. Race a full season on the international Grand Prix circuit. Compete against seven different drivers on 16 tracks. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Fiendish Freddy's Big Top O' Fun
Take a satiric, twisted visit to the circus with this arcade-style game, which uses slapstick humor and superior cartoon-style animation. Take center ring on the trapeze or in five other events, but look out for Fiendish Freddy, the cynical circus saboteur who will thwart you at every turn. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Final Assault
Climb some of the world's highest mountains. Mountain climber Eric Escoffier acted as consultant to add to the game's realism. Players must select their backpack supplies from over 50 items. Variables include temperature, time, altitude, and physical condition of climber. Training course and safety guide included. $39.95
EPYX, 600 Galveston Drive, Box 8020, Redwood City, CA 94063, (415) 366-0606

Final Mission
Avoid enemies, collect objects. Dig and climb your way through 350 different levels. Dangerous mines, traps and energy fields will push you to the limit. Excellent graphics, sound and programming. $29.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Fire Power
Arcade-style tank battle featuring one-to-one playability on split screens—against the computer, against a friend, or over the modem. Smooth scrolling graphics and animation give the game a realistic feel. Sound effects like tank engines, explosions, and helicopters keep you on your toes as you defend against the enemy and its helicopters. Rescue your troops and return them to the first aid stations. Multiple fields and random flag locations allow a variety of strategies. Three tanks to choose from. $24.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Fire Zone by DataSoft
Futuristic war game set in the 21st Century lets you jump behind the wheel of a high-powered combat vehicle for a futuristic fantasy. European Combine and the Pacific League. $34.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Fire and Forget
Earth is in turmoil and you must save it. You're the top commander of the Thunder Master, the world's ultimate fighting machine. Face three levels of six conflicts from guerilla to global war. Let Thunder Master's V-16 triple turbo engine and four-wheel drive speed you through enemy terrain. If you need help, radio to a partner. Let the commander of the magnetic levitation unit Thunder Cloud help you by manning the skies while you take the ground. $39.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Fire and Forget II
Nuclear menace ... stop ... annihilate lethal terrorists ... stop ... red alert lever 3 ... stop ... immediate action required ... end transmission. Mines, armoured crafts, bombers, jumpers, probes, and suckers will be your opponents. They are all different and use various combat techniques, but they have one common point: they are exterminator. The ability to fly will be your strength, but you will certainly need it to catch up to the head of the convoy before the fatal explosion. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

ENTERTAINMENT

First Expedition by Interstel
You're Braun the Explorer, venturing in an unknown ocean world. Recover the three sun spheres and save civilization. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Flight Simulator II
Cessna 182 single-engine plane flight simulator. Over 120 airports, 5 scenery areas. Full instrumentation, many features. $49.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

FootMan
Many levels and lifelike sound make FootMan a classic arcade game. Two different games, simultaneous 2-player mode, and full maze also included. $39.99
Incognito Software, 26717 Plymouth, Redford, MI 48239, (313) 937-1850

Foundation's Waste
Use a stolen aircraft to escape from the evil planet. $34.95
Scorpion, 19 Harbor Drive, Lake Hopatcong, NJ 07849, (201) 663-0202

Freeway Massacre
Driving simulation. You play the Freeway Vigilante on the California Freeway. $39.95
Teknoware, 18627 Brookhurst St. Suite 135, Fountain Valley, CA 92708, (714) 871-5650

Fright Night
You're Jerry Dandridge, and you've got twelve hours to bite everyone in the house before they stake it to you. Game play by Steve Bak and graphics by Pete Lyon. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Frostbyte
Help Hickey the Kreezer rescue his friends from the crater-dwelling ghouls. Pick up sweets to help Hickey move faster, jump higher, and fall further. Beat the clock or your man is dead Kreezer meat. $29.95
StarSoft Development Labs, 9240 South Highway 17-92, Maitland, FL 32751, (407) 657-7553

Future Classics Collections
A collection of 5 games: DiskMan, TankBattle, Blockalanche, Lost 'n Maze,and Diet Riot. Contact company for details.
Live Studios, 30151 Branding Iron Rd, San Juan Capistrano, CA 92675, (714) 661-8337

Future Wars
Graphic adventure game in which the player must crisscross through time to prevent the destruction of Earth in the distant future. $49.95
Interplay Productions, 3710 S. Susan, Suite 100, Santa Ana, CA 92704, (714) 549-9001

GFL Championship Football by GameStar
Arcade-action football game from an in-helmet perspective. Smash through 60 minutes of hard-hitting football. Players select teams, play a friend or one of 27 separate computer-controlled GFL opponents. Choose from 34 offensive plays and 12 defensive alignments. $44.95
Mediagenic, 3885 Bohannon Dr., Menlo Park, CA 94025, (415) 329-0800

GRIDIRON!
Football simulation uses digitized audio. Devise and call your own plays. Loaded entirely into RAM and runs in real time with five levels of play. Requires 512K RAM. $39.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

Galactic Conqueror
Fast action of a coin-op game and the sophisticated strategy of a computer. Located in the center of the galaxy is "Gallion', the supreme headquarters of the stellar league. They have detected an enemy invasion. As the only one with enough experience to handle a strategic conflict, you will be sent to stop the invasion. Which of the 416 planets will be the most important to liberate and aid in the battle? Which planets may not be counted on? Join a training mission at any time, to increase your skills and attain a higher level of performance. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Galactic Invasion
Intergalactic dogfight. Invade the enemy galaxy and capture and destroy their satellite stations. Find material to build the ultimate doomsday weapon. Real-time interactive graphics, digitized stereo sound, computer opponent, 3-D galaxy complete with stars, planets, moons, suns, and asteroid belts. $24.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Ganymed
After centuries of oppressive rule by the Tyrans, Lord Mantrex, and his Star Warriors have rebelled and attempted to win the freedom of the planet. After years of bitter fighting, the remnants of Lord Mantrex's forces have gathered to face the final assault by the Tyrant Deathbots. You, as Lord Mantrex, must defeat the Tyrans and win back the freedom of Ganymed. $29.95
ReadySoft Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Gauntlet II
Arcade fans are talking about the home-computer version of this game, which captures all the superlative graphics, sound, and excitement of the coin-op megahit. Explore the Dark Dungeons in search of treasure and power as you battle ghosts, demon,s and other foes. Up to four people can play at once! $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Genghis Khan
Genghis Khan catapult's the player into an era of world conquest and domination. There are two separate scenarios—"Mongol Conquest" and "World Conquest"—each offering a game system that virtually never puts the player in the same position twice, allowing for endless hours of game play. As a player you attempt to build an empire. Keep it by making your populace happy, your treasury full, your subordinates loyal and your enemies at bay. The human side of empire building has not been forgotten. Finding the right way to approach a hostile empress is just as important as training troops in battle. Do not let your guard down, and be ready for a host of problems. $59.95
Koei Corporation, 1 Bay Plaza, Ste. 540, 1350 Bayshore Plaza, Burlingame, CA 94010, (415) 348-0200

Gettysburg: The Turning Point by SSI
Reenacts the three-day Gettysburg Civil War battle in 42 turns. Command-control system shows the effects of the commanders, ammunition points, fatigue, and other factors. Basic, intermediate, and advanced modes available. Computer allows you to play the Blue or the Grey. $59.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Global Commander by DataSoft
In the year 2032, all 16 of the world's powers are members of the United Nuclear Nation. Each nation has its own government, personality, and needs. You are responsible for the welfare of the entire UNN, including the distribution of all nuclear missiles, fulfilling food needs, communication, and economy. If you do your job well, peace will prevail. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Gold Rush
Historical adventure follows a 49er from New York to California. Three different games, one for each path the miner follows. $39.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Gold of the Realm
Awesome graphic action-adventure game. Four castles to explore, 320 different scenes, 32 color screens. Fight off villains, find your way through mazes to get to treasure! Joystick and mouse control. Three levels of difficulty, pause, and game save features to make mapping easier. Digitized sound and MIDI-compatible music. $39.95
Magnetic Images Co., P.O. Box 17422, Phoenix, AZ 85011, (602) 435-2006

Goldrunner
The first installment of the Goldrunner series. Join in as humankind prepares to leave Earth and enter the Golden Age. Can you become the fabled Goldrunner in the battle for the Ring-Worlds of Triton? $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Goldrunner II
Fifty years ago, the first Goldrunner, a brave and bold warrior, defeated a powerful force of space pirates to save the world. The past five decades of life on the Ring-Worlds of Triton have altered the life of the human race. No longer a warrior, technology has made man a new fighter. But the robots that defend his home have been captured by pirates and turned against him. That's when the action begins. Fly your single seated fighter to the platforms, outwit the pirates' defense system, and recover the robots. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Grand Prix Circuit
You do more than drive a car. Qualify in races against the clock, in single races against 9 computer drivers who have unique personalities and characteristics, and ultimately in the World Driving Championship, where they race on all eight tracks. $49.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Graphic Adventure Collection
Three award-winning graphic adventures: Deja Vu, Uninvited, and Shadowgate. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Great Resort Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Muirfield Village (Dublin, OH); Mission Hills (Rancho Mirage, CA); Eagle Ridge (Galena, IL); Dorado Beach (Puerto Rico), Banff Springs Hotel Course (Canada). $20.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

Greg Norman's Shark Attack! The Ultimate Golf Simulator
It's professional golf at its best with Greg Norman. State-of-the-art golf graphics. Just a few of the many features: 3-D perspective, adjustable weather conditions, numerous game types. $39.99
Virgin Mastertronic International, 18001 Cowan Street, Suite A & B, Irvine, CA 92714, (714) 833-8710

Gun Shoot
Shoot 12 different criminals, but don't touch the civilians. Includes two-player mode and digitized sound. $34.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Gunship
Gunship, a combat helicopter simulation, puts the player at the controls of the world's finest attack helicopter, the U.S. Army's AH-64A Apache. The gunship arsenal boasts Hellfire and Sidewinder Missiles, Folding Fin Aerial Rockets, and a 30mm cannon capable of firing 625 rounds per minute. To make the game challenging for novices and combat simulation experts, Gunship offers a variety of skill and reality levels, mission types, and specific mission objectives. $54.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

HardBall II
Sports simulation sequel to HardBall!, the world's best-selling computer baseball game. HardBall II allows you to make coaching decisions based upon players' game performances, as well as historical data. $44.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

HardBall!
Baseball simulation lets you play or manage the team. 3-D field perspectives, 6 pitches, left- or right-handed. $44.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Harley-Davidson: The Road to Sturgis
Jump on your HOG and hit the road to the biggest rally of the year in this adventure/driving combination. Compete in real Harley events, customize your bike, and party with the brothers as you improve your biker ranking. A few too many speeding tickets, blown tires, and bad decisions could leave you eating dust instead of burning rubber! $39.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Harpoon
True-to-life simulation puts you in charge of 1988 weapons technology. This graphically stunning wargame pits you, a NATO Task Force Commander, against the Soviet fleet in an intense North Atlantic standoff. Rare full-color graphics of NATO and Soviet subs, surface ships and aircraft. Novice or expert, you'll be up and running within minutes, delving into intriguing battle scenarios. $49.95
Three-Sixty, Inc., 2105 S. Bascom Ave., Suite 290, Campbell, CA 95008, (408) 879-9144

Harrier Combat Simulator
Strap yourself into the most sophisticated and deadly close-range combat aircraft of today–the Harrier jump jet. Fly this ultra-realistic plane to destroy the enemy headquarters 500 miles away. You'll need all of your skills to conquer enemy air and ground forces in this exciting flight simulator/combat game. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Harrier Mission
Land on a carrier, hover, and evade missiles. Shoot the enemy down with a heat-seeking missile or gunnery skills. Avoid being shot and make sure you've got enough fuel to return to the carrier. $24.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Heart of the Dragon
Dare to enter a world of magic and mystery brought to life in 4,096 colors. Heart of the Dragon is a fantasy/arcade adventure featuring full character interactions, puzzles, & treasures along with arcade-style excitement. Over 6MB of photorealistic graphics, 4,096-color HAM mode adventure screens, and proprietary 192 color arcade screens make this title an Amiga showpiece! Game features both 1- and 2-player (cooperative) action, and a computer demo mode. Stunning music and sound effects round out the package. Hard disk installable, AmigaDOS 2.0-compatible. $49.95
Avatar Consulting, 9733 Roe Drive, Santee, CA 92071 (619) 260-1100
please see display ad inside front cover

Heat Wave
Offshore superboat racing simulation. Experience the speed and danger of real offshore racing in a 600 HP superboat. Actual races set in Miami, along the Mississippi, Biscayne Bay, and Ft. Lauderdale. $44.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Heavy Metal Modern Land Combat
A sophisticated war simulation game that combines the best elements of simulated arcade action and strategy. Each player starts out as a second lieutenant and is able to move up through the ranks based on field performance. $44.95
Access Software, Inc., 545 West 500 South Ste. 130, Bountiful, UT 84010, (800) 824-2549

Hex
Graphic strategy game, similar in many ways to the game of chess, except the board consists of hexagons instead of squares. Characters move smoothly across the screen in 16-color animation. Makes exceptional use of the Amiga monitor and mouse. Rules and characters become more challenging as your skill improves. $39.95
Mark of the Unicorn, 222 Third St., Cambridge, MA 02142, (617) 576-2760

Highway Patrol II
You are parked on the side of an interstate in Arizona with the air conditioning on full. From the radio comes an APB, "alert to all units, a fugitive killer has escaped and is driving eastbound on Interstate 10 towards the state line. Use caution." Highway Patrol II gives you full simulator power. You control the sliding car, U-turns, tail-spins. Watch out for flat tires and empty fuel tanks. You will have to drive very fast and to catch the villians you may leave the road and drive through the desert, but the use of your compass and your map is mandatory. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Hitchhiker's Guide to the Galaxy
Take the role of Arthur Dent, who must escape a bulldozed house and a destroyed Earth to travel through the universe in search of... well, whatever he can find. Based on the popular radio program and novels. $14.95
Infocom, See Mediagenic

ENTERTAINMENT

Hits
Four disk games for the price of one, with color and sound from the original. Games include Goldrunner, Slaygon, Jupiter Probe, and Karate Kid Part II. $34.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Hockey League Simulator
Become coach and general manager of your own hockey league. From first draft through the Stanley Cup playoffs, you make the key decisions. The HLS provides sophisticated, but easy-to-use tools for designing league statistics, including overall standings, leading defensemen, and team power play results, to name just a few. $39.95
Media Technology Limited, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

Hole-in-One Miniature Golf
From classic holes to the bizarre, DigiTek Software's Hole-in-One Miniature Golf uses the ease of a special mouse interface (point-and-click) to provide fun and excitement for all ages (with as many as 4 players at once!). This two disk set comes complete with four 18-hole courses and a tutorial course for a total of 90 exciting holes. From the traditional windmill to the inside of a pinball machine. Features Multitasking, installable on hard drive, VDO:, in RAM. Scorecard printout on any Amiga compatible printer. Extra course disks available. Various holes can be viewed from different perspectives. $39.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Hole-in-One Miniature Golf Extra Course Disk #3
The additional course disk for Hole-in-One Miniature Golf comes with 3 more breathtaking courses that give you a total of 54 more exciting holes. Fight gravity, magnetism and disappearances in the holes of Out of This World; enjoy the visually stunning and amazingly realistic holes in Holidays (a journey through holidays of the year); and have fun with the hilarious and educational holes in Alphabet Soup. $19.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Hollywood Hijinx
Inherit Uncle Buddy Burbank's Malibu mansion by finding ten treasures hidden throughout the house and grounds. Search through a lifetime's worth of Hollywood memories in your aunt and uncle's collection of movie memorabilia. $14.95
Infocom, See Mediagenic

Hollywood Poker
Strip poker game with digitized female opponents. $34.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Hostage
Control a six-person strike team assigned to rescue embassy hostages being held by terrorists in this action/strategy game. Change perspectives instantly with a unique interface. Quick thinking determines which rescuer to maneuver when. TV-news quality graphics and easy-to-use controls create an ultra-realistic experience. $44.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Hotel Detective + Space Knight (combined package)
Hotel Detective: As the Hotel Detective, you are faced with a serious problem. Your weapon is unlocked, your commission given, and the hotel is mysterious. In which rooms are your enemies hidden, behind which doors is danger—or even death—lurking? You do not have much time to consider. You must discern your opposite, estimate and react. Don't shoot too fast in the process, otherwise you shoot a harmless hotel guest. Waiting too long could eliminate you. This is no easy mission!
Space Knight: The Space Knights have a glorious tradition. Their bravery, courage and fearlessness in always facing their enemies are known in all galaxies. A Superspaceship is waiting for you. Experience the challenge of an eternal war on a fast spaceglider. Superior mutants in nimble high-technologized ships have just one aim—your destruction! $29.95
Euroline Group, The , 1244 N. Orange Drive Suite 206, Hollywood, CA 90038, (213) 462-5013

Hoyle's Book Of Games Volume One
Learn and practice six popular card games, from Gin Rummy and Old Maid to Hearts, Cribbage and Klondike Solitaire. Sierra's high-resolution graphics add to your game enjoyment. You'll enjoy using the highly detailed and realistic playing cards as you test your skills against eighteen opposing players, including many Sierra game characters. Play Hearts with King Quest IV's King Graham or Gin Rummy with Princess Rosella, or Crazy 8's with Roger Wilco, hero of the Space Quest games. Or challenge yourself with a game of Klondike Solitaire. It's a point-and-click interface, or you can play it with arrow keys, so any small child can get the hang of it! $34.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Hyperdome
Our newest arcade release from the critically acclaimed author of Foundations Waste. $34.95
Scorpion, 19 Harbor Drive, Lake Hopatcong, NJ 07849, (201) 663-0202

I Ludicrus
One- or two-player beat-'em-up action. Graphics so good, we used nothing but screen shots for the packaging. $34.95
Scorpion, 19 Harbor Drive, Lake Hopatcong, NJ 07849, (201) 663-0202

Ikari Warriors
Explosive war action with a 1- or 2-player option. Top coin-op conversion. $39.95
Keypunch Software, 1221 Pioneer Building, St. Paul, MN 55101*

Impossible Mission II
You must stop the return of Elvin—a scheming madman seeking to take over the world in the 25th Century. Search through eight levels of difficulty for secret codes that will save the world. $39.95
EPYX, 600 Galveston Drive, Box 8020, Redwood City, CA 94063, (415) 366-0606

Indiana Jones and the Temple of Doom
Fight off Thuggee henchmen, cobras, and bats as you attempt to free the imprisoned children in this popular arcade game. Then prepare for a desperate ride on a mine railway, and a battle inside the temple itself. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Indiana Jones And The Last Crusade –The Action Game
You lash snakes around the gargoyle. As the Nazi searchlight sweeps upward, you swing to the tower window. It takes two-fisted courage and whip-quick reflexes to get Indy past murderous grave robbers, fanatical Nazis, and Medieval mantraps in this classic arcade action game. Whip, punch and dash your way through four levels to score high in excitement. Plenty of non-stop action. $39.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912. (800) 782-7927

Indiana Jones And The Last Crusade –The Graphic Adventure
Join Dr. Indiana Jones on challenging new adventures in his daring quest for The Holy Grail. Try to surpass Indy himself in courage and cunning, and build your I.Q. (Indy Quotient) score. An exciting battle of wits with stunning 3-D graphics, sound effects, and movie theme music. $49.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Indoor Sports
Turn your computer into an electronic game room, with versions of bowling, darts, air hockey, and Ping-pong. Play against the computer or against a friend. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Infestation
Infestation takes computer games to a new level of realism by creating a complete environment stunningly rendered in super-fast 3-D vector graphics. You are completely free to move within the game world, examining and manipulating objects just as you would in a real world. This mathematically generated game sees the player take over the terrifying role of Kai Solor, agent for the interplanetary Federation. The mission is to eliminate the threat of hostile life forms. Travelling to Xelos by interplanetary cruiser, it will be necessary to enter station Alpha II, seek out the alien's eggs and destroy them with cyanide gas. The player is equipped with a sophisticated pressurized body suit complete with a helmet, oxygen pack, battery pack, and cartridge pulse rifle which provides more than just protection. As station Alpha II is spread out over three levels, there are shafts, lifts, ventilation tunnels, radiation areas, network terminals, and blast doors – all of which need to be dealt with if the player is to survive. $39.95
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Infidel
You're a soldier of fortune searching alone in the Egyptian desert for the great secrets of the lost pyramid. Avoid death; meet the ancient Egyptians. $9.95
Infocom, See Mediagenic

Insanity Fight
Battle in space against the evil Death Ship. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

International Championship Wrestling
This fast-paced arcade-quality simulation captures the thrills and excitement of big-time wrestling. Dozens of moves are available, from Figure-4 leglocks to climbing the ropes. Choose from a wide variety of wrestlers as you work your way towards challenging the mysterious world champ, Bruiser. Unique "Death Holds" and posedown routines for each wrestler, just like on TV! Features one- or two-player action plus demo mode, digitized sound effects and four skill levels. Hard disk installable, AmigaDOS 2.0-compatible.
Avatar Consulting, 9733 Roe Drive, Santee, CA 92071, (619) 260-1100.
please see display ad inside front cover

International Soccer
Options for playing soccer put the control in your hands. You determine the challenge, and you call the shots! Control the weather: wet and slippery or the more predictable dry. Try a night game with shadows, or select a game in the wind. Choose midfield players and outfit them in colors of your choice. Half and full time score is displayed on the electronic scoreboard. Fans cheer you on to the World Cup, and onscreen referees ensure fair play. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Intruder
Intruder is a strategy arcade game. It comes complete with an entire array of levels and a construction set, so you can create your own (adds greatly to your enjoyment). An overhead view featuring a scrolling maze allows for fuller gameplay. One or two people may play simultaneously, battling robots and even each other in a greedy attempt to find the exit and continue the quest. Find the transporter and venture into the next grueling level; use strategy and the computer terminals to assist in your mission. In a techno-world gone mad only you can destroy this complex of robots. Intruder Alert features stunning graphics, animation, digitized sound and more action than you bargained for. 512K Amiga and one drive. A1000 owners note—Halfbrite recommended. $39.95
Digital Concepts, 43035 Hayes Road Suite 229, Sterling Heights, MI 48078, (313) 772-1416

Iron Lord
In Iron Lord, you embody a noble knight whose uncle has seized the throne and killed your father the king. It's up to you to overthrow him and recover your birthright. Recruit an army by traveling aound to villages and performing services for the local people. Win money in the various contests: arm wrestling, archery, dice, and more. Survive this and you will face your uncle and horrific monsters in an exciting labyrinth section. There's even the world's first 3-D sword-fighting simulation. Numerous subgames mean that you'll never reach a dead end, making this game ideal for beginners and experts alike. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Ishido: The Way of Stones
This ancient oriental strategy game provides one or more strategists with the challenge of accurately placing a pouch of 72 stones on a 96 square game board. Each stone is decorated with a symbol and a color and can only be placed next to another stone that matches either a symbol or color. As the board begins to fill with stones, the game becomes more complex when players are faced with matching two, three and even four sides of some stones. The most desirous move, albeit the most difficult, is a "four-way" where one stone is matched on all sides by four others. The game can be played with "ancient" or "modern" rules in four different games—solitaire, cooperative, tournament, or challenge. Once players achieve a "four way" they can also consult the powerful Oracle of the Stones which can answer questions and provide guidance for solving some of life's puzzles. $54.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

It Came From The Desert
Lizard Breath, a small California desert community, is in for a giant surprise. For at this very moment, swarms of enormous, radiation-crazed insects are descending upon a tranquil town. To save the community from becoming munchies for a bunch of mutant-sized monsters, the player must convince the townspeople of the imminent danger, locate the creatures, and destroy their nest before the whole town becomes a human picnic basket! Human drama abounds, as the player struggles with blackmailing rivals, land scams, love triangles, and desert cults in the midst of the monsters' rapid approach. The player must survive challenging arcade sequences featuring intense knife fights, frightening games of chicken on the highway, and raging fires, as the endangered desert cooks with violence. Tanks, F-86 Sabre Jets, and even the National Guard arrive for all-out military action as the creatures march toward town. Requires 1MB RAM. $49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

It Came From the Desert II: Antheads
It Came From the Desert II takes place five years later in the same backwater town of Lizard Breath. Brick Nash, a tough, cynical-ex-fighter pilot, is the hero fighting to save both Lizard Breath and his naive kid brother Andy. He believes he is merely trying to stop a poorly thought out above ground atomic bomb test, due to take place the next morning near Lizard Breath. In reality, the once-dormant nest has come alive, threatening the inhabitants of this hapless town to a fate worse than death. Brick Nash has his hands full as he tries to collect evidence to convince the Mayor, find and destroy the queen ant, and use skills more suited to a petty criminal than to a hero of the Korean War. It Came From the Desert II requires the original disks from It Came From the Desert to operate. $19.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

ENTERTAINMENT

JUG
You are an interactive humanoid composed of Titanium fleximetal and other organic materials. First built in 36412 AD, you were nicknamed JUG because of your barrel-chested profile and the ability to transform into many different shapes. Your duty is to seek out the deadly tumor that is destroying the planet Spireaus. Trap doors enable you to move up or down a level. The planet's immune system will see JUG as a hostile and alien body. Beware of attacks from the very planet you are trying to rescue. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Jack Nicklaus Presents The Major Championship Courses of 1989
Jack Nicklaus Presents The Major Championship Courses of 1989 is the second in a series of golf simulations created in association with Jack Nicklaus Productions. It is an add-on accessory disk exclusively for use with Jack Nicklaus' Greatest 18 Holes of Major Championship Golf and contains simulations of the host courses of this year's U.S. Open, PGA and British Open Championships. With this new add-on accessory disk, computer golfers are provided with simulations of three distinguished courses of this year's championships including Oak Hill, Kemper Lakes, and Royal Troon. Each of the three courses will provide computer golfers with distinct scenery and challenges where they can compete like the pros did during this year's Majors, and perhaps beat the score of the winners. $19.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Jack Nicklaus' Unlimited Golf & Course Design
This newest computer golf simulation contains all the realistic elements of championship play as well as all the tools needed to easily design challenging and visually stunning holes and courses. Included within this simulation is The Bear's Track, an oceanfront 18-hole course designed by Jack Nicklaus and his team exclusively for this new product, and a re-creation of Muirfield Village, a Jack Niclaus-designed course and site of The Memorial Tournament. Among the features included are Instant Replay, Reverse Angle Replay and an optional Break Grid that can be played over the green for easier interpretation of the break. Using Jack Nicklaus' Course Design, computer golfers can build their own championship layouts or recreate favorite holes they have seen or played. $59.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Jack Nicklaus' Greatest 18 Holes of Golf
Players play against a computerized Jack Nicklaus on 18 of his favorite holes or try their hand at two original Nicklaus-designed courses. Play with four people or a variety of computerized men and women. Skins scoring or stroke play; pro, men's or ladies' tees; adjustable wind intensity and direction; uphill and downhill lies. $49.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Jack Nicklaus' International Courses
Three international courses to be played with Jack Nicklaus' Greatest 18 Holes of Major Championship Golf. $19.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

James Clavell's Shogun
As John Blackthorne, the charismatic lead character in James Clavell's novel, the player enters the 16th Century. Blackthorne, an English sea pilot, has embarked on an unchartered route to Japan. Upon reaching land, he is thrust into the upper echelons of feudal Japan society at the moment a political power struggle is erupting between two Japanese regents who aspire to be Shogun. While adapting to this exotic culture, the player befriends one of the regents, Toranaga, and falls in love with the lovely court translator, Mariko. The action of the story revolves around powerful political forces which influence and ultimately control the player's life and the lives of Toranaga and Mariko. Shogun catapults players into a world rich in Japanese history and culture. Shogun's graphics are in traditional, 16th Century Japanese style and are used as text borders and story illustrations. Rewards are given for solved puzzles and successfully handled situations. $59.95
Infocom, See Mediagenic

Japan Scenery Disk
For subLOGIC flight simulation products. Covers detailed scenery from Tokyo to Osaka. Delightful international adventure. $24.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Jet
F-16/F-18 jet fighter simulator with land and sea-based targets and aerial combat scenarios. Includes multi-player option. $49.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Jetson's
As George Jetson, you face your greatest challenges yet: visiting alien worlds, outwitting hostile tribes of Aborigibots, and trying to hold onto your job. Your son, Elroy, and his faithful dog, Astro, join you to meet these challenges. Jetson's is completely mouse driven, has draggable inventory container windows (things that let you take a peek inside), as well as an optional overhead view and choose-a-path text interaction. $49.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Jigsaw Puzzlemania
Every puzzle is cut into authentic jigsaw shapes. Ideal for all age groups, each puzzle can be played in six different sizes ranging from 4 x 4 to a challenging 12 x 12 (144 pieces). Players are timed and wrong moves result in a penalty. Comes with over 10 puzzles and the ability to accept the user's graphics, allowing the creation of personalized puzzles. $29.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Jigsaw! The Ultimate Electronic Puzzle
Jigsaw! features dazzling, colorful pictures that are a treat to behold. Choose from 4 levels of difficulty: 60 pieces—the ultimate challenge; 40 pieces—the standard level; 15 pieces—a great level for kids or for anyone who wants to get acquainted with the program; 8 pieces—easiest level, great for children ages 10 and under. $39.95
Britannica Software, 345 Fourth Street, San Franciso, CA 94107, (800) 572-2272

Jinks
You are a member of the Planetary Exploration Corps braving the incredible danger involved with exploring new unknown worlds. Your current assignment takes you to a world called Atavi, whose vast natural resources are desperately needed by mankind. Four computer-guided ships have already been sent on missions, but all were lost. You must fly your scout glider through dangerous condirions while keeping the sensitive anti-grav probe from being destroyed. Your skill as a pilot will be tested to the limit. $29.95
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga Ontario, Canada L4W 5A1, (416) 602-4000

Joan of Arc: Siege & The Sword
Joan of Arc: Siege & The Sword offers five exciting action sequences, including large-scale battles in open countryside, hand to hand struggles with individual English soldiers, and perilous assaults on soaring fortress walls as boulders and scalding oil rain down. This history-based game blends action and strategy with a rich storyline. The player takes the role of Charles VII and can raise armies, collect taxes, ransom prisoners and send out spies. Up to 20 game options are possible at every turn! Seventy-three authentic provinces and towns, and 31 historically-based characters, each with different strengths and weaknesses, add to the challenge. $44.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Jockey Competition
The "Jockey Competition" Module involves you in a tough tournament and carrier battle as you pit your skills as a jockey against 14 other computer jockey opponents. Plot strategies and develop your career as you select exactly which thoroughbreds to ride to victory. This module provides detailed records and ever-changing stats. It also turns on existing code within all "Track" Modules to now allow you to actually control the horse you're riding in each race. Existing Tracks "1" and "2" allow this action through joystick or keyboard control while displaying side and overhead views. $19.95
SportTime Computer Software, 3187-G Airway Avenue, Costa Mesa, CA 92626, (714) 966-1311

Joe Blade Mission
Rescue six world leaders being held hostage by the leader of an infamous group of terrorists, Crax Bloodfinger. Joe Blade must fight the perils of danger, disarm six bombs before they explode, collect keys to cells, ammo, and food. Great color graphics. $34.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Journey
Journey is a graphically-illustrated world of dwarfs, elves, nymphs and wizards in a despairing village that has been enduring great suffering for five years. When all hope begins to fade, a party is sent out on a quest for the revered wisdom of a great wizard, Astrix. As an apprentice food merchant, the player accompanies the party and keeps a diary of their journey. The player shares in the magical adventures of Tag, Praxix, Bergon, Esher, and Minar as they solve puzzles, overcome obstacles and explore unknown lands. Journey players pass into the adventure with ease by simply selecting commands from a menu. Since each character can act on his own, he or she must play the part of a combat strategist, physician, magician and character judge—all while pursuing the defeat of evil which has infested the land. $49.95
Infocom. See Mediagenic

KNIGHT FORCE
The kingdom of Belloth is the crossroad of time and space, with each gate being the entrance to the past and the future times. Princess Tanya has been seized by the sorcerer, Red Sabbath. You travel through time to collect the magic amulets to be able to fight Red Sabbath and his clones. Your enemies are the guards of the sorcerer who resides in the magic castle. Game played over five time zones, including prehistoric, medieval, and present day. Outstanding backdrops, realistic graphics, and animation including: castles, caverns, urchins, skeletons, and other mystical creatures. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Kampfgruppe by SSI
Tactical WWII game featuring all the weapons used on the Russian Front from 1941–1945. $59.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Karate Kid Part II
1 or 2 players, joystick or keyboard option, sound and graphics. You must discover the secret of the drum or die! Catch flies with chopsticks and break ice with your bare hands in full size with animated graphic screens. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Keef The Thief
Keef the Thief is a unique role-playing experience that mixes humor with action in an adventure that includes dramatic combat, multi-level spells, and puzzles to solve at every step. And your goal is a simple one: become the absolute ruler of everything and everyone! In Keef the Thief, you're young Keef, a juvenile delinquent out on your own for the first time. You're faced with survival in the Tri-City Area; a vermin-infested continent tangled with thick, steamy jungles. If things aren't bad enough, rumor has it that a supremely evil magician is trying to create the magic necessary to rule the continent. Since you have delusions of grandeur, you set out to beat him to it. Amusing narratives accompany you as you explore the more than 25 complete levels, which are inhabited by over 200 species of drooling monsters that think that thief meat is sweet. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Keith Van Eron's Pro Soccer
Keith Van Eron, goalkeeper for the outdoor soccer powerhouse Dallas Tornado and a living MISL legend, played every game of his career on the edge. Keith Van Eron's Pro Soccer gives you the same chance. Featuring a unique, three-dimensional view of the action and players that not only kick the ball, but dive, slide, and jump in the air after it. Keith Van Eron's Pro Soccer will provide endless hours of fun, whether you're playing a solitary game, or challenging a group of friends to a World Cup Tournament or grueling MISL season-long schedule. Soccer playing tips (complete with photographs) are provided in the manual. $34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Kill or Be Killed
Arcade-style war adventure. Lead your troops into enemy territory to rescue soldiers and return them to safety. $39.95
***Teknoware**, 18627 Brookhurst St. Suite 135, Fountain Valley, CA 92708, (714) 871-5650*

Kingdoms of England
Brings you back to the Medieval days of England. Conquer the land by combining strategy with arcade skill. Features two huge two-player scrolling maps, full screen graphics, swashbuckling sound, and much more. $49.99
***Incognito Software**, 26717 Plymouth, Redford, MI 48239, (313) 937-1850*

King's Quest
Meet Sir Graham and outwit a witch, climb a beanstalk, ride an eagle, and battle a dragon. Complete the quest and win the crown. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

King's Quest II: Romancing the Throne
Join King Graham on a search for three magic keys to an enchanted land. Fly on a magic carpet, meet King Neptune and Dracula, and rescue the woman of King Graham's dreams. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

King's Quest III: To Heir Is Human
Help Gwydion break free of an evil wizard. Meet merry sailors, Medusa, and the Abominable Snowman. New self-mapped system keeps track of where you've been. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

King's Quest IV: The Perils of Rosella
King's Quest IV is the first computer game to exploit the new higher graphics resolution of today's machines. A virtual army of artists, musicians, and programmers have combined their talents to make King's Quest IV a truly incredible experience. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Knights of Legend
Interact with hundreds of colorful residents in Ashtalarea. Undertake 24 different quests and face a wide variety of terrifying foes. Design the weapons and spells that you will use to defeat your challengers. The first fantasy role-playing game to offer a modular design. Over 300 bit-mapped pictures, including 100 character portraits, 90 towns, hamlets and shop illustrations, and 32 monster illustrations. Create up to 6 characters and customized weapons and armor; 729 combinations possible. $49.95
Origin Systems Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-0282

L.E.D. Storm
Enter the world of L.E.D. Storm, a world like no other. If you're looking for a yellow brick road, dream on. This is a land of evil robots, rabid wolves, dark tunnels, cars packed with TNT, narrow roads and deep drop-offs. Test yourself and your nerve through 9 challenging stages of realism, on a roadway elevated high above the ground. Synthesized music heightens the drama and the excitement. Pick up energy boosters along the way for extra fuel and to shield you from enemy attack. Don't bother to check the weather map. Dark clouds and storms are moving in fast. $39.95
Capcom, U.S.A., 3303 Scott Blvd., Santa Clara, CA 95054, (408) 727-0400

Land of Legends
Interactive dungeon-type adventure game with graphics, strategy and character development. Roam through multiple levels of dungeons, encountering beasts that live there. Become a dungeon master and devise traps and tunnels to trap your friends. Different room sizes, secret passages, hidden doors, stairs, and teleporting areas. Dungeon construction set lets you create new monsters, treasures, magic items, labyrinths, and more. $49.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

ENTERTAINMENT

Last Duel
Journey light years away, if you dare, to two warring planets. Double trouble on a grand cosmic scale. The worlds are anticipating your arrival. Their fate is totally in your hands. Save the queen. Crush the Galden uprise and return control of the planet to its peace-loving inhabitants. The fighting will be fierce, deadly, incredibly fast and furious. You may not survive. Accept this assignment only at extreme risk. Fight your way through 6 increasingly challenging levels of confrontations. Attack 3-headed monsters, aliens with ultra-powerful laser weapons. Blast your way through a mad maze of intrigue, Galden's Route, a black hole where nothing escapes. An extraterrestrial S.O.S has reached Earth. Will you respond? $39.95
Capcom, U.S.A., 3303 Scott Blvd., Santa Clara, CA 95054, (408) 727-0400

Leader Board
Golf game simulation with four irons and a driving range for practice. $44.99
Access Software, Inc., 545 West 500 South Ste. 130, Bountiful, UT 84010, (800) 824-2549

Leather Goddesses of Phobos
A spoof of 1930's pulp sci-fi. Three levels of play—tame, suggestive, and lewd. Includes male and female playing modes. Save Earth from domination by the Leather Goddesses of a Martian moon. $14.95
Infocom, See Mediagenic

Leatherneck
Storm the beach to rescue your buddies held captive behind enemy lines. Combat arcade game, 1—4 players. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Legend
Legend is a classic struggle between good and evil. A one- or two-player strategic fantasy game. Recruit generals, troops, scouts, assassins, thieves. Cast spells, build temples, mines, taverns, and monoliths all to out-think and out-fight your opponent. $34.95
Scorpion, 19 Harbor Drive, Lake Hopatcong, NJ 07849, (201) 663-0202

Leisure Suit Larry II: Looking for Love in Several Wrong Places
Jump on board with the hilarious Larry Laffer as he makes a play for the girl of his dreams. Adult humor. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Leisure Suit Larry in the Land of the Lounge Lizards
Spend a memorable evening on the town with Leisure Suit Larry. Romp through singles bars, hot tubs, mean streets, and a blind date nightmare. Communicate in full sentences with 3-D animated characters. 900-word dictionary. Adult humor $39.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Lemmings
Hordes of tiny characters that you have to guide through many levels of obstacles and adventures building bridges, digging tunnels, climbing mountains, parachuting to safety. Get them on their way through each level as quickly as you can or they start to innundate you and happily proceed to their own oblivion. Each level requires you to construct increasingly complex routes to save as many Lemmings as you can. Features tiny, incredibly detailed and expressively animated characters (up to 100 on the screen at once), one-player or split-screen, two-player action, 100 increasingly difficult playing levels and some of the most entertaining game-playing music you'll ever hear. $44.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Les Manley In: Search for the King
This new 3-D animated graphic adventure introduces players to 33-year-old Les Manley, a meager but well-meaning video technician who stands to improve his status, his bank account and his love life if he is the first to find The King, the world's greatest and most elusive entertainer. Les is a lowly employee of WILL, the lowest-rated television network in New York. In order to raise its rating, WILL is sponsoring a contest whereby it will award $1 million to anyone who can find The King, wherever he may be. Whoever can discover the location of this international star (he has a fan following in the multi-millions) will be rewarded with a fortune and for Les, adoration from Stella. $59.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Life And Death
You are the surgeon! Talk with your patient, read charts, order x-rays, ultrasound, blood tests and other lab work. Make decisions that determine whether your patient lives or dies. In the operating room, your skill with the scalpel while monitoring on-screen EKG, pulse, blood pressure and other vital signs will determine whether your patient goes to recovery... or the morgue! $49.95
Software Toolworks, The, 19808 Nordhoff Place, Chatsworth, CA 91311, (818) 885-9000

Light Division
Two can play modern warfare in the Straits of Hormuz. Battalion level combat between U.S. and Russian/Iranian forces. Paratroopers, helicopters, backfire bombers, the Battleship New Jersey. Designed by Joe Balkoski, award-winning game designer. $40.00
3W Computer Games, Inc., P.O. Box F, Cambria, CA 09342, (805) 927-5439

Lightforce
The player controls several different crafts, carrying mirrors, lenses, etc. And must control fireballs of light. Many puzzles must be solved, using prisms, focussing, curved mirrors, etc. A complete optics tutor is also included in this 2-disk package, explaining the rules of light. Both disks over 90% full. Examples, multi-choice questions, etc. complement this 18-level action/strategy game. $39.50
TSA Media/American Software Distributers, RR 1 Box 290 Bldg. 3, Urbana, IL 61801, (217) 643-2050

Lords of War
Lords of War is an arcade-style game for single or multiple players. Defend your castle against three adversaries and reflect their attempts to pierce your castle wall and reach its inner sanctum, while at the same time trying to do the same to your opponents to disgrace their honor. Destroy all your enemies and move onto the next conquest, or die and be disgraced forever (at least till the next game). Gain magical powers along the way to help in your fight. Each level changes and new obstacles arise to block your attacks. Take too much time and doomsday will result. Based on a classic arcade game updated for the Amiga, Lords of War features a large scrolling battle area, fully enhanced graphics and digitized sound. $39.95
Digital Concepts, 43035 Hayes Road Suite 229, Sterling Heights, MI 48078, (313) 772-1416

Lords of the Rising Sun
Step into the action of Japan's emperor family as you defeat the Tiara clan and become the Shogun. Survival is the key when battling against samurai armies on a three-screen map of medieval Japan. $49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Lost Dutchman Mine
Based on a true legend. Journey to the Old West in search of the fabled mine. Buy supplies at the town store, play poker in the saloon, pan for gold or dish in the river and search over 100 caves and mines. Renegade Indians, bandits, snakes, and scorching temperatures are a constant threat. Digitized sounds, MIDI music, fabulous graphics. Randomizing feature gives unlimited game variations. $49.95
Magnetic Images Co., P.O. Box 17422, Phoenix, AZ 85011, (602) 435-2006

Lunar Rescue
Arcade action in an outer space adventure! All your wits and skills will be challenged in this race to rescue the crew of Apollo 19, stranded on the moon during a surveying mission. Digitized NASA footage provides realism. Cinematic cut-scenes create suspense. A space Database teaches you important facts about space and our solar system using animated graphics and sound effects. Features include Digitized graphics and sound effects, huge scrolling lunar landscapes and lots of animation. $39.99
ODYSSEY Software, P.O. Box 367, N. Eastham, MA 02651, (508) 240-2317

MEAN 18
Golf simulation on 3 famous courses, plus 1 home course. Course Architect lets you design or modify an entire course. $44.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

MI Tank Platoon
US Tank Platooons have four MIs. Four soldiers operate each. That's four tanks, sixteen men. And you control the whole shooting match. The fun of a 4-tank platoon in one great game. $69.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Mad Libs by First Byte
Play alone or with a group. Computer adaptation of the popular word game that substitutes your nouns, adjectives, and verbs in a straightforward story. Then the speech synthesizer reads the results. Fun for adults, and educational for children. $19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Magic Johnson's Basketball by Melbourne House
Basketball the way the pros play. Arcade action brings the realism of the big time game home to you in this direct translation of the popular coin-op arcade game. Make the jump shot and of course Magic's fast break with a slam dunk finish. Dribble around your opponent to make the lay up that wins the game! Features arcade quality animated graphics and characters, full-court scrolling screen, two-on-two play, and full stats. $49.99
Virgin Mastertronic International, 18001 Cowan Street, Suite A & B, Irvine, CA 92714, (714) 833-8710

Major Motion
Race and battle against the dragsters, the Draconian League, in this fast-paced driving game. Watch out for helicopters and motorcycles. Joystick recommended. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Manhunter: New York
Two years after an invasion, you are forced to hunt down and report human activities for an evil alien takeover or choose to be a supporter of the human underground. Includes New York City map, split-screen viewing. $49.99
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Manhunter: San Francisco
A plague of terrifying Orbs has overrun San Francisco, spreading horror, tyranny, and death. You are their pawn—a manhunter. Hunt your own kind for the alien masters in this thrilling and horrifying adventure game. Risk your life by turning against the Orbs to work for the cause to free humanity. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Maniac Mansion
A hidden panel opens and out falls a tape cassette. This might be the clue that frees Sandy from Dr. Ed's lunatic lobotomy lab! There are 450 entertaining objects to discover in this madcap adventure through the 50 detailed rooms, zany adversaries and off-beat humor of the Maniac Mansion. No typing—just non-stop point-and-click fun with your rescue team of colorful characters. $44.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Master Ninja: Shadow Warrior of Death
Action-packed martial arts simulation set in Japan. Guide your Ninja warrior through the castle of an evil Japanese warlord who has stolen a precious magic sword. Standing in your way: a host of deadly ninja opponents, magic curses, and deadly samurai. $39.95
Paragon Software Corporation, 600 Rugh St., Greensburg, PA 15601, (412) 838-1166

Matrix Marauders
A 3-D arcade game set in a futuristic time/matter grid race course. As you hurtle through the complex maze of tunnels, you must negotiate turtuous twists and turns in order to keep ahead of the competition. The deadly track is linked by a series of pit grids littered with numerous bonuses, including speed amplification modules and fuel which must be collected to ensure your survival. Play against another player on a separate computer with the optional two-player "Head-to-Head" link via serial port. Features digitized audio navigational aid and dedicated weapon selection feature. $39.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Mega Pack #1
Four great games in one box! Includes Formula 1 Grand Prix, Second Out, Mouse Quest, and Stock Market: The Game. $39.95
StarSoft Development Labs, 9240 South Highway 17-92, Maitland, FL 32751, (407) 657-7553

Midwinter
You must protect the Midwinter Isle, the last habitable oasis on Earth. Controlling up to 32 characters, you must defend an immense playing area of over 160,000 square miles. You can ski, hang glide, snow buggy, or travel by cable car across stunning glacial landscape, shooting, sniping, and sabotaging the intruders. Features a unique, 3-D fully light-sourced graphics system and unprecedented action sequences, Midwinter will keep you locked in the Ice Age for a long, long time. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Might And Magic II by New World Computing, Inc.
Embark on a glorious journey to save the world of Cron. Test your ingenuity with over 250 animated monsters. Ninety-six spells, more than 250 weapons and items, two new character classes, hirelings, and 15 secondary skills aid your cause. Detailed 3-D color windows. Excellent graphics and animated monsters add to the excitement. $59.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Mighty Nerd
Try this fast-paced, action-packed game. The user provides the superhero with the superpowers needed to thwart the supervillains. Four levels of play, each with its own colorful scrolling map. Character Editor allows the player to edit the powers of the superhero. $49.95
ISM, Inc., P.O. Box 247, Phoenix, MD 21131, (301) 527-1988

Mind-Roll
Unusual tests of dexterity and puzzle solving in this fast-paced arcade game in which the player maneuvers a globe through an array of astral planes. Mind-boggling physical action combined with mind-taxing strategic challenges. 10 different levels to bounce, slide, slalom, and roll through in a race against the clock. Realistic 3-D setting. $29.95
EPYX, 600 Galveston Drive, Box 8020, Redwood City, CA 94063, (415) 366-0606

Mindwalker
Talk about a split personality. With this program, you're a physics professor gone mad. Your ego has split into four personalities: that of a muscleman, a mathematical whiz kid, a fantasy creature and a beautiful water nymph. All four of you must combine your resources to journey through the mind and make it whole again. $49.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

ENTERTAINMENT

Mission Elevator
You're a Ninja Warrior trying to recover a stolen magic sword. Fight your way through 25 chambers of the warlord's castle. Use your martial arts and weapons to kill the enemy and recover the sword. 64 floors, joystick and/or keyboard controlled. $19.95
Paragon Software Corporation, 600 Rugh St., Greensburg, PA 15601, (412) 838-1166

Mixed-Up Mother Goose
The enchanting Mixed-Up Mother Goose takes your child on a wonderful adventure in dreamland where they help Mother Goose to find her mixed-up rhymes and restore them back to normal. Mother Goose comes with written and visual clues to help your child play the game. Easy-to-use joystick or keyboard controls make playing a snap. Helpful pull-down menus assist children throughout the adventure. Includes a free full-color map of Mother Goose Land. Up to 12 players can save their game, according to their name, to disk. Easy-to-use menus make it simple to play the game, save it, and select options such as a joystick control. Randomly located objects and characters allow your child to enjoy playing this adventure over and over again. $29.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Moebius: The Orb of Harmony
Combines the features of animated martial arts games with the challenges of fantasy role-playing adventures. $39.95
Origin Systems Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-0282

Monopoly
Play the best-selling board game of all time with friends or against the computer. Enjoy the thrill and excitement of wheeling and dealing with the added enhancement of computer animation. Acquire and lose great fortunes buying and selling railroads, utilities, and properties of all types. $39.99
Virgin Mastertronic International, 18001 Cowan Street, Suite A & B, Irvine, CA 92714, (714) 833-8710

Moonmist
Travel to England to hunt down the phantom and search for treasure in the secret passageways of The Tresyllian Castle. 4 variations, each with a different solution and treasure. $14.95
Infocom, See Mediagenic

Murder on the Atlantic
You've just set sail for a relaxing journey when a sudden murder leads you to investigate 40 suspects and 600 shipboard rooms, in a search for 22 mystery solving clues. $39.95
Intracorp, Inc., 14160 S.W. 139th Court, Miami, FL 33186, (800) 468-7226

Muscle Cars
All-American Car Disk for The Duel. The five cars are: 1963 Corvette Sting Ray Split Window Coupe, 1968 Shelby GT500 Mustang, 1967 Pontiac GTO, 1967 Camaro 427, and a 1969 Dodge Charger Daytona. $19.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

NFL DataDisk
Data disk contains player readings for all 28 NFL teams allows you to simulate games between NFL teams on GRIDIRON! $19.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

NY Warriors
The World Trade Center has been taken by terrorists! As the commander of an elite strike force, you are the only one who can keep them from blowing it up! 1 meg version. $49.99
Virgin Mastertronic International, 18001 Cowan Street, Suite A & B, Irvine, CA 92714, (714) 833-8710

Netherworld
Mystical space journey/action arcade. $34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Neuromancer
Science fiction role-playing game in which the player must find out why all the computer hackers in Chiba City have disappeared. Players must use computer programs to break into databases and get information. $44.95
Interplay Productions, 3710 S. Susan, Suite 100, Santa Ana, CA 92704, (714) 549-9001

Never Mind
Never Mind is a totally interactive thinking man's animated puzzle which features 300 levels (essentially 300 puzzles) with a screen unique to each. The object of the exercise is for the player to use the screen character to rebuild a video wall picture which forms part of the screen by picking up blocks and dropping them into the correct place. After the picture first appears, it is then fragmented—with the pieces dispersed around the screen—before the game begins. In its most simple form, the animated character stands on a block, then presses a fire button which allows the block to be carried to its destination. However it becomes increasingly difficult as the player enters different levels by dropping down a hole to cross a causeway to find himself in the middle of another maze of blocks. As he progresses, the pictures become more complicated and animated, and he must circumvent rogue chess pieces that appear to disrupt the proceeding. All of this must be achieved against the clock, with times set from 30 seconds for the entry level puzzle up to 10 minutes for a multi-island task. $34.95
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Night Dawn
Arcade/strategic game. 10 levels that are very challenging. Excellent sound effects and superb graphics. $29.95
InnerPrise Software, Inc., 128 Cockeysville Road, Hunt Valley, MD 21030, (301) 785-2266

Nitro
Choose your car, grab the wheel and go. Speed through the cities, deserts, forests, and wastelands, competing in over 30 grueling races day and night in a mad dash for the checkered flag. Pop into the shop to soup-up or repair your machine. Pedal-to-the-metal fun. $39.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Nobunaga's Ambition
This is a simulation game based on Japan of the 16th Century. A group of fuedal lords known as Daimyo rule Japan. Each has a single wish: to become Shogun and rule the entire nation. Nobunaga's Ambition is a military, economic, and diplomatic simulation for one to eight players. As Nobunaga, you start with one fief and try to take the entire nation. A game of both strategy and tactics, success takes careful planning and opportunism. $59.95
Koei Corporation, 1 Bay Plaza, Ste. 540, 1350 Bayshore Plaza, Burlingame, CA 94010, (415) 348-0200

Nord and Bert Couldn't Make Head or Tail of It
Come up with the idioms, homonyms, and other verbal tricks to complete the puzzles in each short story of the town of Punster. $14.95
Infocom, See Mediagenic

Obitus
You're in the depths of your own worst nightmare...but this time there is no waking up. Lost and alone in a dangerous and alien medieval world, you must discover where you are, how you got there and how to get out. Features smooth scrolling through forest labryinth mazes, first-person perspective confrontations and dialogue with a cast of characters who may help or hinder your progress, and parallax scrolling action scenes. Includes original design T-shirt by Roger Dean. $59.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Offshore Warrior
A sport has evolved where powerful boats battle against the elements and their opponents. The warriors fight for victory against each other while trying to survive the dangers of rocks and waves. Throttles at the limit, the warriors struggle to control their boats by jumping waves, avoiding rocks, and firing at their opponents. Can you survive the pressure of a do-or-die situation? $39.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Omega
Strive to design the future's ultimate military sybertank in Omega. You have been placed as an engineer for the Organization of Strategic Intelligence and your mission is to integrate chassis components and create artificial intelligence in an attempt to build the world's supreme sybertank. Choose from 10 chassis types, 10 drive systems, 8 weapons types, 9 special items, and 10 scanner types. Then test your design on a simulated field of combat. $49.95
Origin Systems Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-0282

Omni-Play Basketball
Imagine owning, coaching, and managing your own basketball team and playing some fast action hoops too! Includes SBA League and End View Game Modules that allow you to build your own team. Determine playoff structures, season lengths and more. Recruit new players or improve the current roster at training camp. You can even trade players to other teams. Players not only age year after year, but can suffer injuries. Down on the hardwood, you can play too. Pass, shoot, slam dunk, double-team, break backboards, and much more. $49.95
SportTime Computer Software, 3187-G Airway Avenue, Costa Mesa, CA 92626, (714) 966-1311

Omni-Play Horse Racing
Omni-Play Horse Racing is a two disk set which gives up to four players the chance to test their handicapping skills against each other and up to nineteen computer opponents at the same time. Go for the quick kill by betting on long shots, Triples, Exactas, and Quinellas, or play more conservatively by betting on the favorites to Win, Place or Show. Whatever your strategy, there are plenty of stats available, including the past ten race results of all 128 horses at each track, the Morning-line Odds, payoff displays, and post position histories. Jockeys have their own personalities and mood swings. Track conditions can be dirt, grass, or mud, and you can even buy tips from your competitors! Includes digitized sounds. $49.95
SportTime Computer Software, 3187-G Airway Avenue, Costa Mesa, CA 92626, (714) 966-1311

One to One Match
A memory game for children ages 4 to 14. No reading is required to play this game and the program autoboots. This game talks! All pictures are named. Children develop their powers of concentration and expand their vocabulary by pairing up beautifully illustrated objects in one of seven categories. The categories begin with simple concepts and progress to the complex: from planets to the big bang, from triangles to tetrahedrons, from simple numerals to fractions, from notes on the treble clef to classical melodies. The child's vocabulary is expanded by learning the national flags, continents and oceans, date, time, and money. Added for both fun and enrichment are flowers, trees, leaves, sea life, breeds of dogs, cats, and horses. Five different ways to play the game (three with the computer as the partner) and three different card layouts (20, 30, or 42 cards) provide flexibility for the player. Runs on all Amigas with 512K minimum. $39.95
Computer Sight, 4522 Santa Rita Rd., El Sobrante, CA 94803, (415) 222-2638

One-On-One
Basketball greats Dr. J and Larry Bird go at it in the number one software sports game of all time. Shoot as accurately as the Birdman. Slam Dunk like the Doctor. All to the wildly cheering crowd at Boston Garden. $19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Oo-Topos
A science-fiction adventure based on the story by Michael Berlyn. You've been captured by space pirates while on an important mission. You must get past the aliens, find your ship and its cargo, and escape. (Available for A1000 only.) $9.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Operation Wolf
When terrorists must be stopped, Operation Wolf gets started. This commando-style attack adventure explodes with action from start to finish. In the steamy jungles of South America, heavily armed extremists are holding innocent civilians hostage. The only way to rescue the hostage is to get in, strike hard, and get out, FAST! $39.95
Taito Software, Inc., 267 West Esplanade, N. Vancouver, B.C., Canada V7M 1A5, (604) 984-3344

Operation: Cleanstreets
You are Cleanup Harry, the city's toughest undercover cop. You've been assigned to get rid of the pushers and punks who control the city streets. Outfight your foes every step of the way, punching, kicking, dodging. And your mission's not over until all five levels are cleaned up. $39.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Operation: Counterstrike Falcon Mission Disk
Spectrum HoloByte's Falcon Mission Disk gives you the incredible maneuverability and weaponry of your original Falcon F-16 simulation, plus a new set of missions with more enemy vehicles, new terrain, improved graphics, and playability. Your objective: total defeat of the enemy through destruction of his industrial and ground assets. While protecting your base from attack, the enemy comes by land, sea, and air; you'll have to dig deep into your bag of tricks to repel his attacks. It's a whole new world of challenges with the Falcon Mission Disk. Expand your horizons as you go head-to-head with the latest in flight simulations. Operation: Counterstrike must be played in conjunction with the original Falcon simulation. $24.95
Spectrum HoloByte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-0107

Orge
Your army must contend with a huge cybernetic tank code-named Orge, which is armed with missiles, guns, and armor plating several feet thick. $29.95
Origin Systems Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-0282

Oswald
An instant arcade classic for kids, Oswald is an adorable blue bear whose goal is to jump across the floating ice floes, gathering as many gifts as he can along the way. This game features colorful graphics and supports a wide range of digitized sounds. It contains interesting adversaries and humorous animation. It is easy to learn, yet difficult to master. $39.95
Centaur Software Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213) 542-9998

Out Run by Sega
Take the ride of your life in the home-computer version of Sega's arcade hit. This baby's sleek, smooth ... the fastest thing on four wheels. Floor the gas pedal and let her ride past the beaches of southern France, California's Death Valley, cities, mountains, and vineyards. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Overdrive
An arcade adventure game for all Amigas. Begin play with a choice of 6 pilots, 6 ships, and wide range of different modules and armaments—900 different combinations in all. Game has four levels: Artificial Planet—liberate the colonists from pirates; Space—rescue cargo ship; Inside Asteroid—destroy pirate headquarters; Surprise. $59.95
Infacto, 1004 West Rose Circle, Los Altos, CA 94022, (415) 968-0813

Overrun! by SSI
A modern land warfare simulation where Europe and the Middle East serve as near-future battlefields. Set in 1992, Overrun! includes helicopters and new and near-future weapon systems. Provides powerful tools so you can easily create your own maps, troops, and missions, making the game a complete construction set as well. Simulate single battles, or an entire campaign. $59.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

PGA Championship Courses
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Firestone; South Pinehurst #2; Oakland Hills; Oakmont; Southern Hills. $20.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

ENTERTAINMENT

PGA Tour Courses I
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Doral Blue Monster, Torrey Pines South, TPC at Sawgrass, Cypress Point, and Indian Wells Bob Hope course. $20.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

P.O.W.
Every red-blooded American is sickened by our enemy's injustice toward our men who gave so much for their country. Many of our boys are still over there and you're going to get them out. Armed with your Actionware Phaser (sold separately), you set the strategy to adventure behind enemy lines and shoot your way to our boys and bring 'em home. Also uses mouse. $39.95
Actionware, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (800) 848-2333

Paladin
Animated fantasy-combat game for one player. The game features 10 character combat squads, multiple level combat, magic, assorted weaponry. The Paladin Package also includes a quest builder so you can build your own quests. $39.95
Omnitrend Software, Inc., P.O. Box 733, West Simsbury, CT 06092, (818) 700-0742

Paperboy
Tackle the action-packed job of a paperboy in this arcade. Deliver papers to subscribers (and smash the windows of non-subscribers) as you avoid cars, workmen, cats, lawnmowers, and burglars. Then, head out to the Paperboy Training Grounds for bonus points. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Parachutes at Kanev
September 1943, WWII, Eastern Front, Germans vs. Russians. Battalion level, featuring first Russian parachute drop—the fog of war. New AI breakthrough—neural networking—the more you play, the better the computer learns your tendencies, making for a very intelligent computer opponent! $40.00
3W Computer Games, Inc., P.O. Box F, Cambria, CA 09342, (805) 927-5439

Persian Gulf Inferno
Arcade action and role playing . Superb graphics and digitized sound. Excellent story- you must save hostages and disconnect a nuclear bomb on an oil rig. $39.95
InnerPrise Software, Inc., 128 Cockeysville Road, Hunt Valley, MD 21030, (301) 785-2266

Phantasm
You're transported to a distant moon from where you can save Earth. To save a part of Earth, you must destroy eight reconstruction installations then redock. $34.95
Scorpion, 19 Harbor Drive, Lake Hopatcong, NJ 07849, (201) 663-0202

Pioneer Plague
The first Amiga game in HAM mode is a new and exciting space adventure by Bill Williams. Pioneer Probe Mark IV, the self-replicating, terraforming, robotic spaceship, has gone out of control! Its original mission was to find suitable planets for the human race, but now you must stop the probe before it destroys all the planets, including Earth. Four monitors, status instruments, drones and photon missiles guide your way. HAM mode, dazzling graphics, 4096 colors, multi-level design and more. $39.95
Antic Publishing, 544 Second St., San Francisco, CA 94107, (415) 957-0886

Pipe Dream
Pit your pipefitting prowess against a surging sea of sewage. Your objective is to build the longest possible continuous pipeline, racing against a stream of chemical fluid called Flooz. Piece together the pipeline from various shapes of pipe, which appear in a random order. There are thirty-six increasingly challenging levels. Play solo, against a friend or team up in a joint battle against the computer. But if you slow down for a second, it's Sludge City! $39.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Pirates
A 17th Century Caribbean adventure. You're a privateer captain in the thick of the action on the Spanish Main. Challenge your reflexes with simulated sailing, sea and land battles, and swordfights. Experience romance and intrigue in more than 50 foreign ports.
MicroProse Software, Inc., 180 Lakefront Drive. Hunt Valley, MD 21030, (301) 771-1151

Pixound
Pixound is a radical new concept in musical software, transforming visual art into music. Unlike other programs, which provide the computer equivalent of a light show, Pixound allows you to use the musical fingerprint of any image to create, play, and record complex new music. The novice musician or computer user can move from Bach to Rock by simply moving the mouse.The virtuoso, too, will thrill at the Pixound adventure of playing a new and unique instrument with every new screen. $99.00
Hologramophone Research, 638 Summit Ave., St. Paul, MN 55105-3435, (612) 228-9142

Planet of Lust
Adult graphics/text adventure game. Sequel to Sex Vixens from Space. $39.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Planetfall
Accompanied by Floyd the mischievous multipurpose robot, you take the role of a lowly deckswabber jettisoned onto a mysterious deserted planet. $14.95
Infocom, See Mediagenic

Platoon
A fast-paced action translation from the hit movie. $44.95
Data East USA, Inc., 1850 Little Orchard Street, San Jose, CA 95125, (408) 286-7080

Plundered Hearts
Join Jean Lafond in a dangerous adventure to the 17th Century West Indies. Escape pirates, explosives, reefs, and crocodiles while avoiding the amorous advances of the pirate captain. $14.95
Infocom, See Mediagenic

Pocket Rockets
Better watch out! Take a test ride on Pocket Rockets, the high-speed motorcycle simulation game. Experience all the thrills and spills of high-speed racing with machines that take you from zero to 60 in under four seconds. Pocket Rockets lets you choose from four of the quickest, most exotic bikes on the planet. The action is as real as the adrenaline you'll feel. $39.95
Capcom, U.S.A., 3303 Scott Blvd., Santa Clara, CA 95054, (408) 727-0400

Poco Man
A strategy game with arcade-type sounds and actions. Solve up to 150 different levels. Joystick or keyboard play. Hours of enjoyment while building analytical and problem-solving skills. A new concept in Amiga games. $39.95
Designing Minds, Inc., 3006 N. Main Street, Logan, UT 84321, (801) 752-2501

Poker
Your Amiga will play the roll of up to four saloon card sharks who are after all your money. Playing against these four will truly get you warmed up for a real game of Poker! Call your game when your time comes around to deal. Poker is totally mouse operated and has built-in instructions that can be recalled any time during operation. $34.95
Software Factory, The, 4574 N. Linda Vista, Boise, ID 83704, (208) 378-0836

Poker Solitaire
Play twelve hands of stud poker simultaneously. Strategy game allows two players or one against the clock. Multiple skill levels challenge even the expert.
Ethos Development, 3617 Lawson Blvd., Delray Beach, FL 33445, (407) 496-0843

Police Quest
Mature, authentic law enforcement simulation designed by a California Highway Patrol veteran. Manual describes police procedures; crime computer gives court information on suspects. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Police Quest II
The Vengeance! Police Quest is one of the most original adventure series in computer history, with authentic police regulations to follow and real-life situations to encounter. Police Quest II lets you experience life as a homicide detective, as you track down the escaped convict—The Death Angel! Now available in Japanese. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Populous
Earthquakes are serious fun. Deities are the all-powerful rulers of the worlds, but two deities in one world is one too many. You give them good land. You tell them when to farm and when to fight. You make them content beyond their wildest dreams. But then they become raging arsonists. What's a deity to do? $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Populous: The Promised Lands
Populous: The Promised Lands is an accessory disk that adds five new landscapes to the hit game Populous. Adding The Wild West, Révolution Française, Blockland, Sillyland, or The Bit Plains to Populous will virtually give you a whole new game. You'll need to invent new strategies to conquer 500 more worlds, or you can use the lands to build your own worlds to conquer. $14.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Power Pinball
Pinball Wizard never had it so good! Power Pinball is a truly realistic simulation of a pinball machine. You can play one of several included machines, or design your own! Import IFF sounds and graphics from your favorite paint program. With Power Pinball you can take the wizardry to whole new level! $39.95
KarmaSoft, P.O. Box 1034, Golden, CO 80402, (303) 277-1241

Powerdrome
3-D racing action. Suspended in air, keep your racer from crashing into floor, walls, and roof. Strain to hold a flight line against crushing g-forces and buffeting aerodynamic loads. Push man and machine to the limit—stretch the flight envelope for the fastest lap times. Enter the robopits for engine tuneups and repairs, and body part replacement. Adjust the airbrakes and flaps, select the best fuel and filters for each planetary atmosphere encountered. Tune your typhoon into a winning machine. Travel to five different planets to race in different gravities, atmospheres and climates. Perfect your racing technique on the oval track before attempting more treacherous courses. Fight for the flag against four aggressive rivals, each with their own strategies and racing styles. Set up a datalink between two computers for head-to-head racing action. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Powerstyx
Battle your way through chomping skulls, perilous scissors, deadly crosses, and heart-pounding time restrictions in this action-packed game. You as the artist must conquer these obstacles before revealing the final masterpiece, hidden behind each treacherous screen. $34.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Prime Time
Tired of watching bad TV? Well now you can do something about it—make it worse. Most unusual and hysterically funny, Prime Time gives players the chance to run a TV network, cancel shows, buy shows, do lunch, and say things like "Sweetie-Baby-Cookie". With crystal-sharp graphics and animation, digitized speech, and sound effects. $39.95
First Row Software Publishing, 3624 Market St., Philadelphia, PA 19104*

Prison
The year is 3033. Criminals are no longer sent to jail, they're sent to a penal colony on the abandoned planet, Altrax. You have been wrongfully convicted of a crime and sent there. Your only hope for life is to find a rumored space pod and escape. Game play and lighting affected by Game Day-Cycle; communicate and interact with other game characters. Requires joystick. $39.95
Actionware, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (800) 848-2333

Pro Tennis Tour by UBI Soft
In Pro Tennis Tour, you are a professional tennis player, ranked 64th in the world. Your objective is to improve your ranking by participating in major championships such as the Australian Open, French Open at Roland Garros, U.S.Open, and Wimbledon. Each championship event is played on its unique surface, whether it's grass, clay or cement. Pro Tennis Tour has six training programs where you can play against either an opponent or the computer. The on-screen scoring display, realistic sound effects, and two-player option give Pro Tennis Tour the look and feel of an actual tennis game. Improve your service, master your tennis strokes, and enjoy the 3-D instant replay feature of your best shots. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Professional Football Simulation
You choose the game strategy and call the play. By utilizing true artificial intelligence routines, the computer uses the probability of the play's success against the defensive formation to determine the outcome. Allows modem play and the keeping of individual stats of leagues, and comes with standard playbook containing all the popular offensive and defensive plays. $44.95
MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

Prospector In The Mazes Of Xor by Logotron
Limited action-packed adventure game with a non-violent theme. Two prospectors, Herb and Pip, are trapped in the labyrinths known as the Mazes of Xor. In order to escape, they must collect the 845 blue balloons which are hidden in the mazes before Xor captures them. There are 30 different mazes available, plus an extra 15 that you can create using the maze constructor for a grand total of 45 different mazes and endless hours of enjoyment. $39.95
Eurosoft International Inc., 70 Woodfin Place, Suite 400, Asheville, NC 28801, (704) 255-7590

Puppy Love
Entertainment software package, you adopt a puppy and teach it tricks to perform at a dog show. User creates the routines puppy will perform using beginner level programming. Teaches basic techniques. $29.95
Addison-Wesley, Jacob Way, Reading, MA 01867, (617) 944-3700

QIX
There is no cure for QIX FEVER! Your mind is your only weapon. The treacherous Qix is a deadly computer virus. In this electrical world of hi-tech infections, you need all the mental dexterity and superior strategy you can muster to escape packs of roving SPARX, SPRITZ, and waves of wandering energy to conquer this force. $39.95
Taito Software, Inc., 267 West Esplanade, N. Vancouver, B.C., Canada V7M 1A5, (604) 984-3344

Qsolve 1.0
Cube game based on Rubik's cube. Test your skill to solve problems of increasing difficulty. Descend through a chain of challenges from easy to super hard. Disk includes a collection of interesting pretty patterns. Upgradable. $29.95
Computer Creations, 259 Thornton Rd., N. Oshawa Ontario, Canada L1J 6T2, (416) 576-2023

Questron II by SSI
As a player you will travel back in time to stop six wicked sorcerers from creating a magic book of evil. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Quintette
A simple game with complex strategy. Line up five of your own stones, or capture five pairs of your opponent's gems. $39.95
Miles Computing, Inc., 5115 Douglas Fir Road Suite I, Calabasas, CA 91302, (818) 340-6300

ENTERTAINMENT

Quizam! by Interstel
Destroy 8 alien satellites by answering strange trivia questions. Over 2000 questions in 16 subject areas, or create your own questions. 8 levels of difficulty. $34.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

RVF Honda
Simulation of formula-like motorbike racing. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Rambo III
Get Rambo on your team! As Rambo, the world's most popular and recognizable hero, you stage a daring rescue of Colonel Trautman. Soviet commandos are holding him captive 30 miles over the Afghanistan border. The mission: get in, get out, save the Colonel, bomb the Soviet compound, and use hijacked tanks and choppers to make a run for the border. $34.95
Taito Software, Inc., 267 West Esplanade, N. Vancouver, B.C., Canada V7M 1A5, (604) 984-3344

Rampage
Smash and trash. Go ahead get it out of your system, lose your temper, smash a skyscraper, trash a city, have an office building for lunch. Go on a rampage. Includes 1- or 2-player options; choose any of three mischievous monsters to control, 147 different cities to trash. Super colorful graphics and arcade-style animation. $39.95
Activision, See Mediagenic

Rastan
This arcade epic transports you to the ancient and mythical land of Lograth. Be the invincible war lord, Rastan, and kill off a host of evil Lords, slay deadly dragons and capture life-giving magical powers as you try to defeat the mighty Castle King. Be sure. Be swift. Be brave. You have the power to triumph; use it well. $39.95
Taito Software, Inc., 267 West Esplanade, N. Vancouver, B.C., Canada V7M 1A5, (604) 984-3344

Reach for the Stars, Third Edition, by SSG
Up to four players battle against each other to become rulers of space empires. Your job is to improve the environment and industry by building warships. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Realm of the Warlock
The elders of Ashtron have been kidnapped by an evil warlock; it's up to you to find and free the leaders of the town and defeat the sinister wizard. Expert-level graphic/text adventure. Over 72 hours of game play. Includes text only mode, run from RAM, etc.
Incognito Software, 26717 Plymouth, Redford, MI 48239, (313) 937-1850

Rebel Charge At Chickamauga by SSI
The Blue and The Gray. Recreation of the two-day battle in 13 turns, each representing 2 hours of real time. The battlefield is shown on a 64 x 54 square-grid map. Offers zoom-in for a tactical map and zoom-out for strategic playing. Compete against another player or the computer in The Basic Game, Intermediate, or The Advanced Game. $59.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Red Lightning by SSI
When Red Lightning strikes, World War III begins. As the Soviet player, your mission is to sweep aside NATO forces and capture the Ruhr. As the NATO commander, you have the more challenging task of repelling the invasion, while maintaining the alliances. Advanced weapons used in modern land and air combat, such as the Soviet T-80 tank and U.S. F-117 Stealth Bomber. We've created a game that takes into account the probable number and makeup of units for each side in the near future. Three scenarios, five difficulty levels and multiple options challenge the avid wargamer to explore the possible outcomes should World War III erupt. $59.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Red Storm Rising
Red Storm Rising focuses on the tactical operations of an American nuclear attack submarine after a crushing invasion of Western Europe by the Warsaw Pact. The player's mission as submarine commander is to locate and destroy Soviet submarines and surface vessels as they leave their base near the Arctic Circle, before they can reach the Atlantic to disrupt the shipment of U.S. men and supplies to the battle front. Based on Tom Clancy's best-selling novel of the same name, the game presents the player with five types of radar and sonar devices, five classes of sub-launched missiles, and three versions of programmable torpedoes. These systems include sonar that can categorize an enemy submarine by the signature of its propeller noise, missiles that fly through the air before plunging through the water to strike submerged submarines, and smart torpedoes that can turn and home in on their own targets. The high-tech gear produces a riveting effect and with all the data and high-tech decisions the player has to make, the pressure of playing cat and mouse with another sophisticated submarine can be intense! $54.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Reel Fish'n by Interstel
How many days can a small business owner take off from the shop without losing out? Depends on whether his days at the lake are profitable. Join him in this fishing simulation game and spend a sunny day reeling in fish. $44.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Renegade
2 a.m. is no time to be alone in the subway, and you are about to find out why. The blistering fast-paced street style karate action takes place on subway platforms, old shipping piers, and seedy city streets. Defend yourself from multiple attackers and outmaneuver the local motorcycle gang. If Big Bertha and her whip-wielding friends don't finish you off, the skinheads and their razor knives just might. $34.95
Taito Software, Inc., 267 West Esplanade, N. Vancouver, B.C., Canada V7M 1A5, (604) 984-3344

Renegade Legion: Interceptor
You are propelled into a distant future in which war rages on a stellar scale. Wage a campaign of galactic struggle between the Terran Overlord Government and the Renegade Legions. Arm fighters with high-tech weaponry, such as mass-driver cannons, lasers, electron and neutron particle guns, and many types of missles. Available summer, 1991. $59.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Return to Atlantis
Novel-sized role-playing adventure in which you work as an agent for The Foundation to complete 14 missions and find Atlantis. Explore over 140,000 locations. Digitized voices, 3-D scrolling underwater graphics. Stereo music and sound, Help keys and more. $19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Rick Dangerous
Rick Dangerous combines fast-action arcade adventure with humorous graphics and strange sounds as an alternative to the fight-to-the-death genre. The hero, armed only with a six-shooter, some dynamite, and a Big Stick, spends most of his time trying to stay alive amidst the chaos and mayhem in a variety of exotic, dangerous locales: an Amazon temple, where Rick must dodge hostile tribesmen; an Egyptian pyramid, where Rick squares off against ruthless assassins; a Nazi prison camp, where Rick fights to free Allied POWs; and a Nazi missile base, where Rick is the last hope of the free world. Each scenario calls for fast reflexes and the ability to solve puzzles appearing at a moment's notice, with little time to find the answers. $34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Rick Davis's World Trophy Soccer
Arcade action brings the realism of world-class soccer to your home computer in this direct translation of the super-high energy coin-op arcade game.Team up with Rick Davis to play soccer better than you've ever played before. Includes real-to-life animation, multidirectional scrolling, accurately simulated free kicks, goal kicks, corner kicks, and throw-ins. Single- or

simultaneous double-player action. Pass, tackle and shoot your way through the qualifying rounds with the world's best soccer teams! 512K—$39.99; 1MB—$49.99
Virgin Mastertronic International, 18001 Cowan Street, Suite A & B, Irvine, CA 92714, (714) 833-8710

Rings Of Medusa
Far away there is a mysterious kingdom where the land blooms and prospers and life is peaceful. But one day things begin to change. Gradually the people become subject to an evil force. Revolts and wars afflict them, and the once united realm splits into factions. The king discovers that the evil goddess Medusa is attempting to win his subjects into her power. She will stop at nothing to conquer and rule the entire empire with her diabolical armies. You, the young prince, see how your father's once so peaceful realm is being destroyed. Your only thought is to stop the goddess Medusa and reunite the kingdom. Challenge Medusa: find five hidden rings in the kingdom and place them together in the temple of the Athenians. It is your only chance to call Medusa to battle. $49.95
Star Games, 708 W. Buffalo Avenue, Suite 200, Tampa, FL 33603, (813) 222-0006

Ringside
World championship boxing. Fight your way through 10 opponents to the title. Decide your fighter's name, weight, and age; assign strength points to a variety of techniques. Modify the length of rounds and the rest between rounds. Also features a training mode in which you can train your fighter against the computer or another player. Game saves top 10 scores to disk. Super graphics and sound; a must for the boxing fan. One or two player action. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Risk
It's the classic game of world domination! Challenge your powers of strategic planning in this game of fierce attack and vigilant defense, bold strikes, and cunning traps. Victory depends on how you deploy your forces, where you fortify your frontiers, and when you attack your enemies. $39.99
Virgin Mastertronic International, 18001 Cowan Street, Suite A & B, Irvine, CA 92714, (714) 833-8710

Road Raider
Battle crazy rebel cars, shoot down armies of slimy mutants and test your skills in demolition derby rings in this action-packed road adventure, created by Chris Gray. Three unique game environments, three increasingly difficult levels, a variety of weapons, and add-on car supplies will keep even the most experienced game players challenged. $39.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Roadwar 2000 by SSI
Lead a road gang in the year 2000 to locate 8 scientists who can find a cure for the results of bacteriological warfare. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Roadwar Europa by SSI
Lead a road gang to locate and destroy terrorists in post-doomsday Europe. $9.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Robocop
A blockbuster film translation recreates the action on the streets of Detroit. $44.95
Data East USA, Inc., 1850 Little Orchard Street, San Jose, CA 95125. (408) 286-7080

Rock Challenge
So you think you know a lot about Rock music? Let Rock Challenge test your knowledge of rock trivia. Thousands of questions from the 50's to today. Compete against family and friends in five different categories. $39.95
ReadySoft Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Rocket Ranger/The Three Stooges Combo Pack
Rocket Ranger: Experience action, romance, thrills, and spills of the old Saturday morning serials. Action begins with an urgent message from the future ... a future that developed from a Nazi victory in WWII. An group of underground scientists in the 21st Century risk their lives to send you a jet-propelled rocket suit, ray gun, and secret decoder wheel. Skillfully used against a cunning and ruthless foe, these devices help you become the superhero that changes history and saves mankind.
The Three Stooges: Join the zany masters of mirth as they try to save the local orphanage from the clutches of the evil banker who wants to foreclose. Rescue the old lady and her three beautiful daughters. Situation and digitized voices and sound effects from classic Stooges films. Eye-popping graphics and animation. You'll feel like you're starring in the original Stooges movies. $49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Romance of the Three Kings
China's second Han Dynasty has collapsed. The entire nation battles with itself as warlords struggle supremacy. As a warlord, you must defeat your enemies and control the country. Manage the states under your control to increase your power and resources. Cope with disasters, both natural and otherwise, choose good subordinates, and win their loyalty. Do your best to control and manage your empire. $69.95
Koei Corporation, 1 Bay Plaza, Ste. 540, 1350 Bayshore Plaza, Burlingame, CA 94010, (415) 348-0200

Romantic Encounters at the Dome
Adult text game set in the sophisticated hi-tech private club called The Dome. Play out different personae: be romantic or reckless, etc. $39.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

S.D.I.
It is the year 2017. Ruthless KGB fanatics have just staged a coup d'etat inside the Soviet Union. As Sloan McCormick, young general assigned to implement the S.D.I. project, only you can save the United States from thermonuclear destruction. Will you succeed in rescuing Natalya, the beautiful Soviet commander, from a dreaded KGB torture squad? Will Sloan single-handedly destroy a crack Soviet rocket fighter squadron? Pick up a joystick and find out in S.D.I.! $24.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

SLAPSHOT!
Hockey simulation uses digitized audio and team editing capabilities. Includes animated penalty calls and fights. Runs in real time. $59.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

SPOC Collection
35 original entertainment programs reworked to run without CLI. No copy protection. Sample $5.00; complete package $25.00
S.P.O.C., 299 Old Highway 69, Kiowa, OK 74553, (918) 432-5774

SPOC Disk
Over 35 fun and games programs. Comes with a disk from SPOC PD, a great public domain collection. No copy protection. Both disks $25.00.
S.P.O.C., 299 Old Highway 69, Kiowa, OK 74553, (918) 432-5774

Santa Paravia and Fiumaccio
A Kingdom-type game that's a ball for one to six players. The more players, the more intensity. Each player rules a little city-state in 13th Century Italy. Every turn is one year and each player must set his taxes, buy and sell grain or land, build cathedrals, palaces, mills, and markets. The first state to prosper will rise in rank and the winner becomes King or Queen. $29.95
StarSoft Development Labs, 9240 South Highway 17-92, Maitland, FL 32751, (407) 657-7553

ENTERTAINMENT

Savage
The player is a powerful warrior searching for his kidnapped princess. To rescue her, the hero must battle his way through three challenging game scenarios. Beginning with only a battle axe, the player must first survive the evil creatures, and unavoidable obstacles within a tunnel-ridden dungeon. In the second level of play, Savage is on foot, racing toward the castle where his princess is held captive. In the third and final level of play, the hero telepathically communicates with a magical eagle that flies through a mystical maze seeking to complete the quest. More evil demons, strange creatures and lethal traps appear throughout in an attempt to thwart the final stage of the rescue. $34.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Scary Mutant Space Aliens from Mars
Illustrated text adventure with a comic twist. Includes digitized graphics and sound, great animation, maps, function keys, quick-click controls, and humorous but challenging puzzles. $39.95
ReadySoft Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Scenery Disk #11
Includes the Northeastern border of the United States. Incredible variety, from industrial Detroit to beautiful Lake Huron and Niagara Falls. $24.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Scenery Disk #7
Can be used with Microsoft Flight Simulator to greatly expand the user's flying environment. Features hundreds of miles of coastline, many rivers and roads, railroads, racetracks, and transmitter towers from the East Coast of the USA, in detail from Washington, DC down through Key West, Florida. Over 130 airports will challenge the most seasoned flight simulator enthusiast. $24.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Scrabble
Play Scrabble with friends or against the ultimate opponent, your own computer. Build your vocabulary and strategic abilities by playing through the different skill levels, from beginner to advanced. An ingenious combination of strategy and luck makes this game beloved of word lovers and gamers alike. $39.95
Virgin Mastertronic International, 18001 Cowan Street, Suite A & B, Irvine, CA 92714, (714) 833-8710

Seastalker
Underwater adventure in a submarine. Learn to operate the submarine before the research center is attacked by a sea monster. $9.95
Infocom, See Mediagenic

Second Front: Germany Turns East
A division-level strategic game on a grand scale that will appeal to advanced wargamers. The map extends from Berlin in the West to Stalingrad in the East, and covers the entire Russian Front. One or two players command over 150 German divisions and over 200 Soviet divisions, with asset information available to the individual tank, plane, and infantry squad level. $59.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Seven Cities of Gold
Rewrite history as Christopher Columbus in this historic adventure game. From the Software Classics library. $19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Sex Vixens from Space
Adult graphic adventure game. As Captain Brad Stallion you must locate The Tribe, a colony of beautiful female clones from the planet Mondo who have been raiding the male population. Cruise throughout the galaxy in a one-man vehicle. $39.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

Shadow of the Beast
This game features 13-level, high-speed parallax scrolling, 350 screens, 128 colors on a single screen, 50 frames/second speed, 900K soundtrack and 132 different monsters to delight you. Includes original design T-shirt by Roger Dean. $49.95
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Shadow of the Beast II
Rest from your triumph over the dark forces of the Beast Lord is cut short when the evil one kidnaps your sister to make her his own. She must be rescued before she falls victim to his dark arts. Features a new cast of sinister opponents of arcade-quality animated sprites, diabolically clever hidden traps and puzzles to solve, multiple inventory control, real-time interaction with intelligent creatures, new sound effects and speech. Includes original design T-shirt by Roger Dean. $59.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Shadowgate
This action begins at the foot of a huge castle filled with menacing creatures, secret passageways, collapsing floors and other surprises. To survive the perils of castle Shadowgate, find the evil Warlock Lord before he summons the Titan Behemoth to destroy the world. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Shanghai
Strategy tile-matching game based on an ancient Chinese game. Remove the tiles that match the dragon. First player to run out of tiles wins. More complicated than it sounds! $39.95
Activision, See Mediagenic

Sherlock: The Riddle of the Crown Jewels
Take the role of Watson to find the missing crown jewels, using clues given in riddles. Includes sound. $39.95
Infocom, See Mediagenic

Shinobi
Use your Ninja might and magic as you attempt to save the children of the world's leaders from ruthless terrorists in this adaptation of the Sega arcade hit. This game takes you through five rescue missions, each ending with a confrontation with the Master Force. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Shoot 'Em Up Construction Kit
For those people who are certain they can create a shoot-'em-up game better than any they've seen at their local software store, Shoot 'Em Up Construction Kit provides them with all the tools to do just that. Three pre-designed games are included on the disk, and game designers can choose to tailor any of these to their own specifications or start from scratch to create an entirely unique game. $19.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Shufflepuck Cafe
Shufflepuck Cafe is a simulated air-hockey game that pits the player against nine different opponents, all of whom are regulars at the Shufflepuck Cafe, a seedy saloon reminiscent of the bar in Star Wars. Players can challenge any opponent, and a droid keeps score on a chalkboard behind the table. Although each opponent has a unique style of play, they are also intelligent; so they're apt to change their tactics as they play. Players who succeed in winning a tournament get to place their names in the Roster of Champions. To keep the game challenging, several game elements are adjustable, including paddle size, bounce, and hit strength. For even more variety, players can change the playing characteristics of DC3-ALSO, the practice droid. Experienced game players will be challenged by the game's diversity and range of difficulty. $39.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Side-View Game Module
Play Omni-Play Basketball with the new Side-View Game Module and you'll enjoy the sport from a whole new perspective. Coach and/or play down on the hardwood, but now you lead the team as its Center at all times. Run anywhere on the court. Set picks. Call for the ball and teammates will give it to you whenever you want.

Drive through a lane and get the quick two, stay on the perimeter and hit for a three-pointer or stuff a rebound back in the basket. Double- and triple-team options are even possible! Enjoy the game from the best seat in the house — down low courtside. From this new perspective and playing mode, see every second of hoop action from the eye of a T.V. camera following the ball left to right, down the court and back again. Need more thrills? Look for the acrobatic cheerleaders to heat up the action at halftime. $19.95
SportTime Computer Software, 3187-G Airway Avenue, Costa Mesa, CA 92626, (714) 966-1311

Sideshow
Remember the day the circus came to town? Remember the midway, the freak shows, the popcorn and cotton candy? Well, the fun and excitement are all back with Sideshow. Spend the day playing the classic circus games like the balloons, the dunk tank, the haunted house, and more, but use the Actionware Light Gun (sold separately) for even more fun. Also uses mouse. $44.95
Actionware, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (800) 848-2333

Silent Service
Action and strategy. Stalk enemy convoys through the waters of WWII's South Pacific. You make the crucial decisions. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

SimCity
The city simulator strategy game. Year 3010: you become mayor and planner of our city. Fully animated with graphics and sound. Features include cars, boats, helicopters, and monsters. Includes 8 cities on the verge of disaster: San Francisco before the earthquake, Tokyo before the monster attack, Boston before the nuclear meltdown. $49.95
Maxis, 1042 Country Club Drive, Suite C, Moraga, CA 94556, (415) 376-6434

Sinbad and the Throne of the Falcon
You are Sinbad the Sailor, battling dark and mysterious forces in an epic seafaring quest. Get ready for pirates and genies, romance and heartbreak, comedy and tragedy, set in a fantastic universe that begs to be explored. Steel yourself for the ultimate challenge to your skills as swordsman, leader and navigator. The task is formidable, but the lovely princess has begged for your aid. Game features a unique blend of role playing and strategy, combined with dazzling arcade-style sequences. $24.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Sky Chase
Two-player jet fighter simulation game. Super-fast flight animation, 3-D vector jets, and full stereo sound. Choose from seven different jets. $39.95
Maxis, 1042 Country Club Drive, Suite C, Moraga, CA 94556, (415) 376-6434

Sky Shark
Strap in for full-throttle action! Trapped in enemy territory, you've got to fly your P-40 on a top secret mission through hell. The skies are thick with a deadly rain of armor-piercing artillery fire. They chose you for one reason. You're the best there is. Now you know the score, so aim right and fly tight. The skies are anything but friendly tonight. $34.95
Taito Software, Inc., 267 West Esplanade, N. Vancouver, B.C., Canada V7M 1A5, (604) 984-3344

Skyblaster
Fast-paced 3-D air/ground combat simulation with solid graphics. Battle planes and tanks from your helicopter. Extremely challenging, Skyblaster provides hours of entertainment for avid game players. $29.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Skyfox
It's you alone in your sophisticated warplane against a skyful of enemy planes. From the Software Classics library. $19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Skyfox II: The Cygnus Conflict
Blast through asteroids at 9000 kilometers/second. Reduce enemy fighters to stardust with Photon Pulse Bombs. Dangerous missions put you face-to-face with deadly Xenomorph fighters who fire with no questions asked. Set a course on the overview map and hit autopilot. When you reach your destination, blast the starbase into another galaxy. $19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Slaygon
Save the world from a toxic virus by destroying the Cybordynamics laboratory with your sophisticated military robot, Slaygon. Activate the Slaygon and prepare for the most important mission in the history of humanity. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Slip Stream
The nine streams of the Slip Stream have been overtaken by an alien race who have infested the planet with various defense spacecraft. Each craft is powered by a crystal that lies at the end of each stream. Object: Liberate the nine streams by destroying each power crystal. After disembarking from the mother ship, destroy as much of the landscape and defense crafts as possible. Watch out for barriers! $24.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Snake Pit
Control a snake through a series of complex mazes. The only way to move onto the next level is to eat all the food scattered within the labyrinth. The problem is that each bit of food causes you to grow or shrink. By the end of the maze, you could be gigantic. Avoid hitting your snake's ever-changing body, and make your way out of the maze. $34.99
Incognito Software, 26717 Plymouth, Redford, MI 48239, (313) 937-1850

Software Golden Oldies Vol. 1
Four great games. Adventure takes you to the depths of the Colossal Cave, where you collect treasure, and try to outwit the perils that lurk in every crevice. Eliza will simulate your conversation with a psychiatrist, and analyze you with unnerving accuracy. In Life, you'll graph new life patterns. And then there's Pong, the first video game and a true classic. $29.95
Software Toolworks, The, 19808 Nordhoff Place, Chatsworth, CA 91311, (818) 885-9000

Solitaire
Solitaire is easy to play when you have a mouse to move rows of cards around. This card game is addicting. You may never play solitaire with a real deck of cards again! The only problem with this program, it won't let you cheat. Solitaire is totally mouse operated and has built-in instructions that can be recalled any time during operation. $34.95
Software Factory, The, 4574 N. Linda Vista, Boise, ID 83704, (208) 378-0836

Solitaire Royale
Includes eight different variations: Reno, Corners, Golf, Pyramid, 3 Shuffles & a Draw, Klondike, Canfield, and Calculation. Also comes with three childrens' games: Concentration, Pairs, and The Wish. $34.95
Spectrum HoloByte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-0107

Sorcer Lord by DataSoft
You must free the land of Galanore before the Shadow Lord invades and destroys the land. $34.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Sorcerer
Sequel to Enchanter. Rescue your mentor Belboz and defeat the evil demon Jeeaar. $14.95
Infocom, See Mediagenic

ENTERTAINMENT

Space Ace
Space Ace continues in the tradition of Dragons with breathtaking graphics, animation and sound brought to life on the Amiga. Our hero, Ace, is being attacked by the evil commander Borf who has just kidnapped Ace's girlfriend Kimberly. Borf's plans are to take over Earth by changing everyone into babies using his dreaded weapon—the Infanto Ray. It is your mission to save Earth. Be valiant, space warrior, the fate of Earth is in your hands! $59.95
ReadySoft Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

Space Harrier by Sega
Prepare for the most fantastic space battle ever in the home computer version of this classic Sega arcade hit. Zoom through a spectacular 3-D landscape as you fight off a myriad of bizarre creatures, including slithering serpents, fearless robots, and eerie stone masks throwing fireballs. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Space Quest I: The Sarien Encounter
Space-fantasy spoof featuring Roger Wilco, sanitation engineer turned interstellar swashbuckler who must save his planet against ship-napping Sarians. 3-D animated graphics, new windowing system. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Space Quest II: Vohaul's Revenge
Roger Wilco returns in this Vohaul's Revenge sequel as a space hero trying to defeat the evil scientist, Sludge Vohaul. Colorful animated graphics. $49.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Space Quest III: The Pirates of Pestulon
Once again Wilco is called to battle Pestulon pirates and to save two software authors, The Two Guys from Andromeda, from a shallow life of writing arcade games. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Space Racer
Twenty-fifth Century racing game. The public's only excitement is the deadly Space Race Tournament. As Earth's champion, you must compete against three planets, three different tracks, and then the finals. Amazing 3-D animation! $19.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Space Rogue
Sophisticated 3-D space flight simulation and intriguing role play. Features superb graphics as you maneuver through twisting worm tunnels, turbulent ion storms, and dazzling shard fields. Lock onto streaking cruisers with your plasmatorps, zip through treacherous Malir gates as you seek your fortune as a merchant, pirate or bounty hunter! Includes 90-page novella, reference card, map, and playbook. $49.95
Origin Systems Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-0282

Space School Simulator
The player assumes the role of a student working to graduate from the Academy, a specialized university designed to train an elite corps of skimmer pilots. To graduate, students must complete 20 different missions, developing skills in skimmer design and combat, while learning the differences of each planetary system. $34.95
Scorpion, 19 Harbor Drive, Lake Hopatcong, NJ 07849, (201) 663-0202

Space Spuds
3-D arcade game designed for use with Haitex's X-Specs 3D Stereoscopic Vision system. Players confront an intergalactic food fight as fat-filled junk food assails their shapeless ship. Colliding with the junk food causes players to gain weight until they explode. Haitex's X-Specs 3D glasses offer a 3-D view of the assault. The LCD shutter glasses lug into the second joystick port. The system also allows users to create custom images. Package includes game, X-Specs 3D glasses, Molecule 3D (a display program), D3D (displays static images), and Cubes 3D, a game in which cubes dance right out of the screen. 512K minimum. $124.95
Haitex Resources, P.O. Box 20609, Charleston, SC 29413, (803) 881-7518

Space War
Space War is outer space combat action at its best. One or two players fight it out for a sector of space. Space War follows in the tradition of classics like Asteriods and features arcade-quality graphics and sounds to enhance the heart-stopping action that surrounds your space-faring warship. Play alone or combat another armchair starfighter in the most exciting and dangerous sectors of deep space. Players have a choice of 6 different ships and four different space sectors. Features include two-player simultaneous play, animated menu screens with narrated digitally-recorded speech, digitized graphics, and giant animated objects. $39.99
ODYSSEY Software, P.O. Box 367, N. Eastham, MA 02651, (508) 240-2317

Speed Buggy
World beating coin-ops converted for your home computer. Realistic 3-D racing track, with your choice of five exceptional courses. $39.95
Keypunch Software, 1221 Pioneer Building, St. Paul, MN 55101*

Speedball
Wearing spiked armor bodywear, helmet, and gloves, you'll go face-to-face with some of the meanest goons in the world. Speedball is a total free-for-all. Choose your own team, collect power-up tokens during gameplay, even bribe the officials. Features a complete league system, with 11 teams vying for championship honors. Many strategic options are available—even cheating! $39.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Spellbound
Just as you were about to advance a grade in the school of magic, your tutor goes and gets himself kidnapped. You have to rescue him or you'll never graduate. Battling through eight diverse and dangerous lands, collecting spells and objects along the way, you use your limited magic powers to fight off deadly adversaries in a frought-filled fight to free your tutor. But it's going to be a tough task on your own: take a friend along to increase your chances and double the fun! $39.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Spellbreaker
Part III of the Enchanter trilogy. You must save your kingdom even as your own powers fade. $14.95
Infocom, See Mediagenic

Spherical
Enjoy tantalizing puzzles, terrifying pitfalls and blistering joystick action, with more than 100 different levels in both one- and two-player mode. Use your magic wand to create and remove blocks of stone to make a path to new levels for the magical crystal ball. Ghosts, spiders, dragons and other creatures try to block your way as you scurry across the screen, picking up magic potions, power capsules, gravity-reversing diamonds, invincibility tablets, and more. All this as you guide the crystal to its new home, in a race against the clock. $39.95
Electronic Zoo, 3431-A Benson Ave., Baltimore, MD 21227, (301) 646-5031

Stable Owners Option Module
By adding the Stable Owners option module to your original Omni-Play Horse Racing game, you'll now enjoy the "Sport of Kings" from a whole new perspective. The Stable Owners option module allows you to join the elite class of thoroughbred ownership giving you control over the destiny of your own horses. The stakes are high, but so are the rewards. Experience firsthand the trials and tribulations of being stable owner. Put together your own personal stable of Claiming, Allowance, and Stakes Horses. Hire jockeys and match their skills against the competition as you now enter them into the races of your choice. The Stable Owners Option Module provides true fans with in-depth challenge and straregy. Up to

four human players can participate at the same time against other computer opponents $19.95
SportTime Computer Software, 3187-G Airway Avenue, Costa Mesa, CA 92626, (714) 966-1311

Star Command by SSI
Star Command is an exciting single player game set in the future in the deepest reaches of space. Earth is nothing but a memory, having been destroyed by hostile beings. The player controls a crew of eight star troopers that have been assigned by the Star Command organization to save the remaining inhabitants of the galaxy from pirates and aliens. Characters travel through the galaxy in starships, exploring planets, and space stations in search of objects, people, and enemies. While exploring indoors, a map is created showing the entire area and all of the items in the area (chairs, tables, control panels, etc.). The player may engage in hand-to-hand or ship-to-ship combat. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Star Fleet I: The War Begins by Interstel
With one of the most powerful fighting cruisers in the universe, protect the Alliance from invading warships. Two dozen commands, sound and animated action, and extensive documentation. $54.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Star Trek V: The Final Frontier
Become Captain Kirk as you determine the fate of the Enterprise in the game true to the excitement, action and character of the Star Trek legend. True 245-color VGA graphics result in photographic-quality renderings of the ship and its crew, and advanced action/adventure gameplay and realistic characterizations produce a challenging experience that will boldly take Star Trek fans—and computer gamers—where they've never gone before. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Star Wars
Based on the George Lucas blockbuster, the game pits Luke Skywalker against the Empire's Death Star. $39.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Starcross
Discover the key to the galaxy on a mysterious spaceship in the year 2186. $9.95
Infocom, See Mediagenic

Stationfall
Sequel to Planetfall. A dull assignment becomes an exciting adventure when you meet your old buddy Floyd and find the space station nearly deserted, except for an alien ship, an ostrich, and a balloon creature. $14.95
Infocom, See Mediagenic

Stellar Conflict
Time is running out on the world. As emperor of the world, you must build up and deploy a fleet of starships to conquer the galaxy planet by planet. $39.95
OXXI, Inc., 1339 East 28th Street, Long Beach, CA 90806, (213) 427-1227

Stellar Crusade by SSI
Stellar Crusade is an exciting strategy game of exploration, economic power, and military conquest on an interstellar scale. Two fanatical groups embark on a mad race to control a small, but vital star cluster. As the leader of one faction, your task is to send out exploration teams to grab the best planets in the star cluster and colonize them. Next, you must build up your economic strength to prepare for war. This entails allocating raw materials and production points to build shipyards and maintenance facilities; training and supplying troops, engaging in research and development; establishment of farms, mines, refineries and factories. Design your own starships and equip them with a host of offensive and defensive weapons. There are seven different scenarios with multiple levels of difficulty: three short, three medium, and one long campaign that spans decades. $54.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Storm Across Europe
1939: The fate of Europe is in your hands! The blitzkrieg that Hitler unleashed in 1939 swept across Europe like a terrible storm that raged for six years. Now SSI has designed this fast, exciting game that allows you to simulate the entire war on a grand strategic scale—in as short as one evening! Multiple scenarios and the ability to change starting levels for each country allow for endless variations. Up to three players can play this game, with the computer able to control the Allies and/or the Russians. $59.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Street Fighter
Do battle in the back alleys of the Big Apple. In the shadow of ancient Chinese temples. In not-so-jolly old England. Win the grudging respect of eight of the toughest, meanest street fighters on the planet. Forget all the rules. This is strictly survival of the fittest. You'll need power, speed, and plenty of street smarts. Watch out for Geki and his Ninja weapons, Birdie's lethal head butt, and the flying scissors kick of Gen. You've got a few tricks up your karate sleeve: a martial arts arsenal that includes hurricane kicks and dragon punches. Don't hold back for even an instant. No-holds-barred, best two-out-of-three competition. Fight in England, China, Japan or the U.S. $39.95
Capcom, U.S.A., 3303 Scott Blvd., Santa Clara, CA 95054, (408) 727-0400

Street Rod
The complete 50's hot rodding simulator/construction set. Choose from among 25 authentic street rods from a '32 Deuce Coupe to a '63 Vette and customize them with over 35 performance parts. Then cruise down to the drive-in to challenge the locals to either a drag or road race. Win enough bets and pink slips and you may get a shot at the local "king of the streets". $49.95
California Access, 780 Montague #403, San Jose, CA 95131, (408) 378-0340

Street Sports Basketball
Realistic, street-rules basketball, with teammates recruited from all around the neighborhood. Recruit your 3-man team and set up their shots. Rebound off a chain-link fence, dribble on the grass. $39.95
EPYX, 600 Galveston Drive, Box 8020, Redwood City, CA 94063, (415) 366-0606

Strikes Aces: International Bombing Competition
In 1984 the skies of North and South Dakota rumbled with the deafening sounds of the world's most powerful attack aircraft as they participated in competitive operations. For this epic event, the armed forces of each of the NATO/Warsaw Pact nations were invited to bring their top gun pilots and their best strike aircraft together for a Strategic Air Command (SAC) Bombing Competition. During these extraordinary operations, top gun crews participated in a series of air-to-air and air-to-ground strategic missions, wherein priceless training was received. In this new flight simulation, players recreate this 1984 competition. Combining combat, strategy, and a wide range of challenging strike missions with detailed replicas of 13 different aircraft, Strike Aces allows computer pilots to take to the controls of six aircraft, including a Russian MiG, on 16 different combat intensive missions. $49.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Strip Poker II
Settle in for an evening of sizzling strip poker with Susie and Melissa, each with their own style of play. The more chips you win the better it gets. $39.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Stryx
Stryx has been designed to have the smallest animated characters without losing detailed definition, so creating the maximum playfield on screen at once. With members of the cast around two-thirds of the size of those found in Barbarian, Stryx is able to feature a substantial number on screen at any one time. Involving three distinct graphical levels and eight way scrolling, the action-packed strategy game sees the warrior hero Stryx in a fight to the death against Cyborg

robots hell bent on destroying their human masters. Half-man, half-robot himself, Stryx faces the ultimate challenge of recapturing from the Cyborgs the keys to the lifeforce, the fail-safe extermination system developed to prevent such a machine uprising. Only by solving the graphical puzzle can he deactivate the robotic assassins who are wandering the Dome Cities seeking out human life ruthlessly destroying it. $34.95
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

Stunt Track Racer
Race over 200 miles per hour on a narrow track hundreds of feet high, with all the twists and turns of a roller coaster but without the guard rails. You are up against drivers who know these turns, and who know how to fly. You're racing to win, and on the stunt track circuit, winning is everything. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Sub Battle Simulator
World War II simulation. Patrol over 20,000 nautical miles as you perform over 60 different missions including seek-and-destroy, rendezvous, and much more. Use any one of 6 American or German subs. $39.95
EPYX, 600 Galveston Drive, Box 8020, Redwood City, CA 94063, (415) 366-0606

Super C
Never, not even in the original arcade version, has computer warfare been this devastating. At every level, Red's assault instensifies as he punishes Earth with tanks, electro zappers, and an army of alien annihilators. These ruthless characters are so tough, they often engulf half the battlefield! Features simultaneous play for two, or play against the computer. Joystick controlled. $44.95
Konami, Inc., 900 Deerfield Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111 support

Super Games Pak
Three high-quality arcade games for a single low price. In Deathbots you must infiltrate an enemy research center and destroy the all powerful Gamma bomb, but look out for the deathbots who guard the complex. Jailbreak is a fun, fast-action Breakout game with 100 levels and a custom level editor built in. Byteman puts a Bitmuncher in a giant 8-direction scrolling maze crawling with baddies. All three games feature great graphics, digitized sound effects and are written in 100% Assembly language to give them the lightning-fast execution speed all arcade gamers demand. $39.99
ODYSSEY Software, P.O. Box 367, N. Eastham, MA 02651, (508) 240-2317

Super Hang-On
Nobody can resist the pure temptation to go just a little faster or push a little harder. In this outstanding arcade translation we put gamers on the edge and challenge them to live there. Enjoy fast-paced motorcycle racing action, where riders race on four different continents, each representing different levels of skill and difficulty. True-to-life animations of bike and rider. Full-screen track representation. Turbo mode gives the true feeling of speed, and responsive acceleration to enhance playability and excitement. Nothing can compare to the feeling of anticipation and power as man and machine perform. $44.95
Data East USA, Inc., 1850 Little Orchard Street, San Jose, CA 95125, (408) 286-7080

Super Huey
Helicopter flight simulator; explore unknown territory and map the terrain. Combat using rockets and machine guns to defend a secret desert installation from unknown hostile forces. Your assignment is to locate and attempt pickup of stranded military personnel, while learning the techniques of flying and familiarization of instruments. Joystick recommended. $14.95
Cosmi Corporation, 431 N. Figueroa St., Wilmington, CA 90744. (213) 835-9687

Superman: Man of Steel
You are the Man of Steel, but countless challenges await you. An endless seige of earthquakes and volcanoes are rocking Earth; terrorists have hijacked a yacht with Lois Lane and the Governor on board; and two of your most dangerous enemies have struck an unholy alliance. The clock is ticking with only hours left to save the world. $39.95
Intracorp, Inc., 14160 S.W. 139th Court, Miami, FL 33186, (800) 468-7226

Superstar Ice Hockey
Sharp graphics and realistic play put you into the middle of the action of this sports simulation. Make the trades, recruit players from the minors, conduct training camps, make line changes, call strategies, and compete against your opponents in this multi-dimensional game. You act as player, coach, and manager. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Suspect
You're framed for murder at an elegant masquerade ball. Use all your skills to prove your innocence. $14.95
Infocom, See Mediagenic

Suspended
From a cryogenic capsule, repair your home underground capsule by commanding six robots. $9.95
Infocom, See Mediagenic

Sword of Aragon by SSI
The Duke of Aladda has died and left his last will and testament to you, his only child and heir. The Duke's legacy is a gallant one, replete with deeds of valor in the defense of Aladda. By his efforts, the former capital of the western realm of the Aragonian Empire has returned to a proud state. It is your father's deepest wish that you once again extend Aladda's dominion and eventually sit on the emperor's throne in the city of Tetrada. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Swords of Twilight
The multi-player feature in Swords of Twilight provides a dynamic, non-turn-oriented environment which allows up to 3 players to independently control their own hero or heroine at once. You can cooperate together, defend one another, or backstab each other—just like real life. Eight parallel worlds connected by a magical Rainbow Road, guarded by fire-breathing dragons. Lands with times and tides and beings with attitudes and appetites. Your sword must be quick, but hacking and slashing won't make you many friends. All characters (and there are over 30) have their own memories, personalities, histories, and appetites that affect how they act, react and interact. Seek the banes of the evil Shadowlords. Yet, defeating their minions of wraiths, skeletons and ruffians is only a task for the most cunning. This is one of the few role-playing games with real-time action and animation that allows you to see and feel the action as it develops, not just read about it. And because of the multi-player capabilities, you don't have to wait for a turn. $49.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

TV Sports: Basketball
TV Sports: Basketball features full court 5-on-5 action, a 28-team league, a 24-game schedule, and postseason playoffs. The starting lineup for each team is selected from a roster of 12 players which can be edited to suit individual styles of play, carefully balancing the offensive and defensive strengths of each team member. The player controls all the action—ball movement, passing, and shot selection. A "roleplaying" mode is available which allows the player to select an individual and "become" that player throughout the game. A winning coach monitors his players' conditions and make substitutions as necessary. Detailed statistics are kept in a variety of categories allowing the player to analyze both his own team and his opponents', gaining insight critical to successful gameplay. Up to four players. Instant replay features fast forward, normal speed, and even slow motion. $49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

TV Sports: Football
Over 28 teams play a 16-game season with post-season play-offs. Pregame warm-up shows, broadcasters, cheerleaders, fans, and a halftime show add to the realism. Call the shots as head coach, or play as quarterback, running back, or wide receiver. Set up your offense and defense. Full color graphics and animation. Play against the computer or in head-to-head action. $49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

Table Tennis Simulation
Table Tennis Simulation features realistic game play and graphics, just like a real table tennis match. Play singles and doubles games where you can play as a team, against a partner, or against the computer. All table tennis techniques possible including Block, Straight Stroke, Top-spin, Slice, high serves, and net attacks. Choice of different paddle covers and styles of play, as well as polished, colorful graphics. $34.95
Star Games, 708 W. Buffalo Avenue, Suite 200, Tampa, FL 33603, (813) 222-0006

Talespin
Talespin is a package which combines drawings, text, and sounds into a series of pictures to form an interactive adventure game. $49.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Tangled Tales
Cast in the role of a wizard's apprentice, the player is given three progressively difficult tasks to accomplish as proof of their wizardly worthiness. Before long, discover an outlandish world that includes haunted houses, medieval fortresses and contemporary country farms. From a few hours to a few days of time-tripping fun and excitement. Travel through time, across continents—even use a magic carpet! $29.95
Origin Systems Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-0282

Tanglewood
Control five mining mobiles, each with its own programs and data. Search the planet Tanglewood for the priceless 3-D crystals. Problem solving in real time, with over 1,200 locations to visit. Mouse controlled, no text entry. Success depends on your problem solving and dexterity. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057. (313) 377-8898

Tank Attack
Up to four players may take the role of the commanding General of a country's Tank Corps with an objective to capture the enemy headquarters. The computer issues all movement orders, battle results, the status of each unit and a daily newspaper which gives a full report. Players form allies before war is declared. $29.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

Targhan
Targhan is a strategy-action adventure about the barbarian Targhan who goes out to fight The Evil One to free his village and revenge his father's death. This game features the most advanced graphics possible with huge, massive animated characters and superb sound effects. It comes as close to an arcade game as the gamer wants it to be. Gameplay involves a deep game plot with 40 different characters (some enormous and all detailed). 120 different landscapes, excellent animation and beautifully drawn graphics as well as excellent digitized sound effects and a wonderful sound track. $39.95
Star Games, 708 W. Buffalo Avenue, Suite 200, Tampa, FL 33603, (813) 222-0006

Targis
Targis is our best agent. He must infiltrate the enemy's hideout and retrieve top secret stolen parts. Over 200 levels (the Level Editor allows infinite levels). Users can change all game graphics and animation with the program supplied on game disk. Written in 68000 assembler. $39.99
Incognito Software, 26717 Plymouth, Redford, MI 48239, (313) 937-1850

Technocop
The only game that mixes the pulse-racing thrill of cops and robbers with the mind-blowing technology of tomorrow. A great combination of high-speed car chases and detective crime busting. The V-Max racer, high-tech weaponry, and 11 levels of difficulty provides hours of riveting fun. $49.95
EPYX, 600 Galveston Drive, Box 8020, Redwood City, CA 94063, (415) 366-0606

Teenage Mutant Ninja Turtles
Team up with the "heroes in a halfshell", armed with wacko bombs and armed blimps, as you fight off the Evil Foot Clan. Joystick controlled. For one player. $44.95
Ultra Software Corporation, 900 Deerfield Parkway, Buffalo Grove, IL 60089-4510, (708) 215-5111

TeleEpic
The medieval version of the ultimate strategy war game. Instead of commanding tanks and artillery, you lead a band of heroes waging war against your mortal foe. Test your skills wielding a mighty axe or sword. Throw a dagger or check your accuracy as an archer. $39.95
Software Terminal, P.O. Box 123225, Fort Worth, TX 76121, (817) 737-3297

TeleGames
Like all our "Tele" products, TeleGames provides the enjoyment of competition without the problem of where to play. Competition is enhanced with smooth 3-D perspective graphic animation and digitized sound effects. Players may compete on one computer or "TeleConnect" via modem. $34.95
Software Terminal, P.O. Box 123225, Fort Worth, TX 76121, (817) 737-3297

TeleWar
Strategy war game for two players at one computer or over the telephone. Destroy the opponent's headquarters. $39.95
Software Terminal, P.O. Box 123225, Fort Worth, TX 76121, (817) 737-3297

Telewar II
The ultimate war game revisited with new terrains and enhanced gameplay features. Experience the ecstasy of blasting your best friend to rubble or disintegrating someone you don't even know. Watch out! You may be the next casualty peering out of a twisted pile of smoldering steel. $39.95
Software Terminal, P.O. Box 123225, Fort Worth, TX 76121, (817) 737-3297

Tennis Cup
Race into the fast-paced world of international professional tennis. Hit top spin shots, lobs, deep volleys, overhead smashes, and drop shots to any part of the court, as you play on grass, clay, the hard court, or indoors. Match your skills against a friend, or the computer. With variable player skill levels and selectable game speed options, Tennis Cup is appropriate for all ages $39.95
Electronic Zoo, 3431-A Benson Ave, Baltimore, MD 21227, (301)646-5031

Test Drive
Driving simulation lets you drive one of 5 sports cars. Game ends early if you drive too slowly, go off the road, or get pulled over. $19.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

Tetra Quest
Before the first galactic games can start, you must recover the six stolen Phoenix Tablets. They've been stolen by the Tetroids, who weren't invited to participate. If you can recover the Tablets, Phoebus the sun god will make you a Phoenix, and you'll soar above the four-level world. Space Age action. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057. (313) 377-8898

Tetris
Requires fast thinking and quick reflexes. A variety of shapes descend from the top of the screen, player manipulates shapes into position to form solid rows. Challenge and speed increase at higher levels. $34.95
Spectrum HoloByte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-0107

ENTERTAINMENT

The Android Decision by DataSoft
Take control in this sci-fi strategy while two cities battle for power. Each city produces robots that are capable of diverse roles. $34.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

The Bard's Tale
Let the Bard use his magical talent to help you defeat Mangar, the evil scourge of Skara Brae. Sound effects, music, over 85 spells. $19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

The Bard's Tale II: The Destiny Knight
A new Bard story with a new villain—the Archmage. Additional dungeons, clues, monsters, wilderness, and more. $59.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

The Black Cauldron
Based on the popular Walt Disney movie. Several game solutions, music, and 3-D color graphics. $39.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

The Blue Angels
The Blue Angels flight simulator gives you view from the cockpit of a Blue Angel fighter jet. Perform the same maneuvers as the real Blue Angels. $44.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

The Chessmaster 2000
Library of over 71,000 moves, boasting 12 different levels of play from Newcomer to Grandmaster, including Teach and Hint. Players can play against the Chessmaster or select the Two People mode and have the program referee. It allows players to take back moves, show captured pieces, print games, replay games, solve problems, or watch great matches from the library. Complete with booklet. $44.95
Software Toolworks, The, 19808 Nordhoff Place, Chatsworth, CA 91311, (818) 885-9000

The Chessmaster 2100
A fine and powerful chess program. Over ten years of man work has gone into its creation. New features include: War Room mode, views total board, captured pieces, and thinking window. Joystick, mouse, or keyboard control. $49.95
Software Toolworks, The, 19808 Nordhoff Place, Chatsworth, CA 91311, (818) 885-9000

The Colonel's Bequest
The Colonel's Bequest is the first of a new series of Laura Bow mysteries. As college coed Laura Bow, daughter of a New Orleans Police detective, you spend the weekend with your schoolmate at her uncle's bayou mansion. It seems the clan has gathered for the reading of patriarch Colonel Henri Dijon's will and the family learns it will share in the old codger's wealth—if they outlive him! Call company for details. $59.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

The Colony
Enter The Colony and embark on an adventure so real and so unique that you melt into the environment. Players become the space marshal who must explore a six-level colony to rescue survivors from a planet overrun by aliens. Combining action, strategy, and the most advanced 3-D algorithms in home computing gaming. This is the adventure game that captures science fiction at its best. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

The Crimson Crown
In this sequel to Transylvania, return and rid the kingdom of the evil Vampire! Princess Sabrina and Prince Erik accompany you on this quest to find the vampire and recover the magical crown. Available for A1000 only. $9.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

The Crossword Creator V1.1
Version 1.1 allows you to design, save, and print your own crossword puzzles. Fast 87,000 word pattern-matching dictionary. $49.95
Polyglot Software, 884 W. Melrose Lane, Boise, ID 83706, (208) 336-4583

The Cycles
Motorcycle racing simulation. Includes the actual international Grand Prix courses, three performance classes, and five different skill levels. You compete against nine world-class Grand Prix riders. $44.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

The Duel: Test Drive II
Racing simulation. Head-to-head racing with the world's two fastest (200 mph) production cars: The Porsche 959 vs. the Ferrari F40. $44.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

The Enigma Device—A Game of Cryptograms
A traditional word game of cryptograms based on Hitler's infamous WWII German secret code machine named the Enigma Device. Up to twenty players at a time solve word puzzles (simple substitution ciphers). The game tracks performance histories of all twenty players for solo, family, or group fun. Users can create their own cryptogram puzzles, entered from newspapers, magazines, and other sources, for use in the game. Over 1,000 cryptograms are included on disk. Choose from many interesting categories including Quotations, Rhymes, Murphy's Laws, Definitions, Wisdom, Proverbs, and Great Thoughts, etc. Cheat button allows one clue per cipher. Comprehensive manual provides extensive help tables. $39.95
King Publishing, 1200 Treadway #226, Austin, TX 78704, (512) 448-2414

The Game of Harmony
In this arcade game for the new age, players use a combination of strategy and concentration not to annihilate objects on the screen, but to keep them from blowing up. One or two players control a single spinning sphere, referred to as "the seeker", on a screen filled with constantly moving, multi-colored orbs. The objective: to create synergy by strategically maneuvering like-colored orbs together before they explode with tension. If two orbs of differing colors are allowed to synergize, they will create a small pod that can be gobbled up for energy if you act fast enough. Otherwise, this pod will expand into a completely new orb. Accompanied by randomly generated musical scores, the game contains fifty progressively challenging configurations (levels) randomly arranged with orbs which glide around the screen while you attempt to gain points, and eventually ultimate harmony. $44.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

The Golden Pyramid
A game show for the Amiga, complete with talking host. Up to five players. Software that entertains you! $13.95
Micro Entertainment, 14 Wisteria Way, South Portland, ME 04106, (800) 255-5217

The Honeymooners
Role play based on "The Honeymooners" TV series. $39.95
First Row Software Publishing, 3624 Market St., Philadelphia, PA 19104*

The Hound of Shadow
The Hound of Shadow features a new role-playing system called Timeline. You begin by creating a Timeline character. You choose the character's sex, nationality, one of nine professions, and an assortment of skills from over fifty possibilities. As you play the game, the character's attributes affect the events—maybe even the outcome—of the adventure. The difference might be subtle, such as receiving an extra clue through special skill in history, or the plot may change dramatically. You can even use your character in

other Timeline adventures, and his or her experiences will be recognized in the adventure. The adventure is set in England in the 1920s—a country recovering form the ravages of war. It was a time when extremes of wealth and poverty rubbed shoulders, and it was fashionable to cultivate an interest in spiritualism and magic. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

The Hunt for Red October
Submarine combat simulation based on the best-seller by Tom Clancy. Guide your Soviet nuclear submarine to the United States to defect. Uses mouse or joystick; scrolling message window gives time updates. $49.95
DataSoft, Distributed by Electronic Arts

The Island of Lost Hope
The Island of Lost Hope is a graphic adventure game with a multiple-word parser, full keyboard and mouse interface, and an impressive array of graphics, animation and sound. As a young captain trying to find the lost treasure of The Forgotten Souls, you were ambushed by a band of cutthroat pirates (led by the infamous Captain Black). Your ship was sent to the bottom of the ocean, and its crew lost. Washed ashore on a tiny islet and left to die, nothing remains but your cunning to complete your quest. Along the way you face numerous obstacles and perils, including bloodthirsty pirates, giant rats, and snakes, all leading to a final showdown with Captain Black. Two-disk set. 512K Amiga one disk drive. Recommended for 1MB. A1000 owners note— Halfbrite recommended. $39.95
Digital Concepts, 43035 Hayes Road Suite 229, Sterling Heights, MI 48078, (313) 772-1416

The Keys to Maramon
The world of The Magic Candle has many tales to tell. The Keys to Maramon is one of the best—a tale of action, bravery, danger, and excitement. Join the tale yourself! Excite your brain and your finger to the max, and return with the keys to the city—The Kevs to Maramon. $44.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

The Killing Game Show
Set in an alien solar system where all violence has been eradicated, the hottest inter-planet TV game show is The Killing Game. In this game, competitors are selected from each planet and have to negotiate the defenses on opposing planets. These play areas are all based inside cylindrical arenas which are slowly filling with water. The object is simply to reach the exit at the top of each cylinder without being destroyed. The player takes the part of a competitor from one of the planets involved. They travel between the various worlds, taking the challenge of the natural terrain of each planet. The arenas vary from planet to planet. Some will be made of Caverns, Roman Temples, Organic Materials, and other forms. There will be eight planets, and three cylinders on each planet, making twenty-four levels in all. $44.99
Psygnosis Limited, 29 St. Mary's Court, Brookline, MA 02146, (617) 731-3553

The King of Chicago
Chicago in the '30s. Prohibition, power struggles, and rampant crime. Only the toughest of the tough survive. Capone used to call the shots. But Big Al was sent up the river and Chicago is up for grabs. Violence, intimidation, bribery, and treachery are your weapons as you play the role of Pinky Callahan, an ambitious hood on the make. You'll lead the Northside gang against the forces of the legendary Capone mob in a deadly battle for control of the Windy City. $49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

The Kristal
Become Dancis Frake, swashbuckling space pirate, in this epic quest to find the fabled Kristal of Konos and return it to its rightful resting place. Battle ruthless villains, woo a beautiful princess, and interact with strange alien life forms. Based upon an original play, The Kristal features incredibly lifelike animation. Huge multi-disk universe and addictively clever traps and puzzles. $49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

The Last Inca
The evil wizard Zulphosi was held captive under the rule of the three wizards from the new islands. After the last real wizard there died, he managed to escape. He now seeks revenge against the Inca people for their allegiance to the three wizards. Will you be the one to challenge Zulphosi? $39.95
Free Spirit Software, Inc., P.O. Box 128, 58 Noble St., Kutztown, PA 19530, (215) 683-5609

The Legend of William Tell
Perched on top of your young son's head, the shiny red apple seems to dance in the crossbow's sight. Sweat trickles into your eyes as you strain to keep the target absolutely still. A miss detroys your only son, but split the fruit and you both live to fight for freedom another day. No one said it would be easy. Travel through more than 100 unique and colorful screens while befriending or fighting monks, castle guards, wolves and others. Engage your enemies with a variety of weapons, including three different crossbows that you can aim using the unique "crossbow targeting window". $39.95
Electronic Zoo, 3431-A Benson Ave, Baltimore, MD 21227, (301)646-5031

The Lurking Horror
Explore the nether regions in the basements and storage rooms of G.U.E. Tech. Confront shapes, sounds, unique characters, and horrifying sights as you solve the challenging puzzles of the dreaded horror below. $14.95
Infocom, See Mediagenic

The President is Missing
Terrorists have taken another hostage. Only this time, it's the President of the United States and several other members of a top-secret economic summit. Your job: find them! Includes 30 minute audio cassette with kidnapper's demands and mystery clues. Foil this diabolical plot! $39.95
Cosmi Corporation, 431 N. Figueroa St., Wilmington, CA 90744, (213) 835-9687

The Rubicon Alliance by DataSoft
Tranquility prospers in Hyturian until the pirate planet Nono slips through the outer fringes of the Rubicon, raiding solar shipping and destroying outposts. As starfighter commander Hawkins, you have been ordered to find Nono before it destroys the alliance. You are required to complete eight difficult missions, each with a specific goal and time limit. The 3-D holocube, vital to your quest, will assist you in charting planets and revealing the flight of enemy craft. $29.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

The Scrolls of Talmouth
First in a series of quest disks for Paladin, the animated fantasy game. Each quest disk includes 16 games, all linked into one grand quest. Mages, swordsmen, rangers, and thieves will put you to some difficult tests on your path to knighthood. $24.95
Omnitrend Software, Inc., P.O. Box 733, West Simsbury, CT 06092, (818) 700-0742

The Seryachi Campaign
First in a series of combat scenario disks. Each disk includes 16 scenarios—all set within a self-consistent network. Whether you're fresh out of bootcamp or a veteran STAR leader, these campaigns will give you a chance to test your mettle against a challenging set of opponents and conditions. $24.95
Omnitrend Software, Inc., P.O. Box 733, West Simsbury, CT 06092, (818) 700-0742

The Supercars
Add-on car disk for The Duel, which along with California Challenge allows you to create your own combinations of landscapes and high-performance cars. $19.95
Accolade, 550 S. Winchester Blvd. Ste. 200, San Jose, CA 95128, (408) 985-1700

ENTERTAINMENT

The Tarot Master
The Tarot Master is the first animated fortune-telling program for the Amiga. Users may receive three- or ten-card readings for any question they choose to ask of the mystic Tarot. The Tarot Master also instructs users in becoming Tarot readers. Three- and ten-card spread readings as well as all seventy-eight card definitions are taught to those who wish to see the future. The Tarot comes to life with exciting animation sequences for all twenty-two Major Arcana cards. Each animation is designed to impart the meaning of each card into the user's memory. $29.95
Empire Graphics, P.O.Box 964, Union, NJ 07083, (201)964-7864

The Terminator
The story of a superhuman cyborg sent back through time from a hellish future where man's very existence hangs in the balance and machines rule Earth. His mission—to destroy the mother of the one man who is destined to save mankind. $39.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

The Twilight Zone
You're traveling in another dimension. Not only of sight and sound, but of mind. Where shadows of reality mix with images of nightmares ... There's a signpost up ahead ... The next stop ... The Twilight Zone. Participate in several stories that, at first may seem unrelated, but eventually weave themselves into a single complex plot $39.95
First Row Software Publishing, 3624 Market St., Philadelphia, PA 19104*

Their Finest Hour: The Battle Of Britain
During the summer of 1940, wave after wave of German fighters and bombers pummeled RAF bases in Southern England. Now you can capture the aerial heroics on both sides of the conflict. Fly Spitfires, Hurricanes, Messerschmitts, and German bombers in 3-D air combat so real you can almost feel the gunfire. See exciting replays of your combat exploits from any angle in real-time or freeze-frame. You can even save them on disk. Includes photo-packed 180-page manual. A fitting tribute to the 50th anniversary of the Battle of Britain. $59.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Thexder
Pilot your armored robot through caves, cargo holds, and spaceship interiors. Transform Thexder into a jet. Over 20 kinds of aliens, hi-res artwork, synchronized soundtrack. $34.95
Sierra On-Line, P.O. Box 485, Coarsegold, CA 93614, (800) 344-7448 orders

Thud-Ridge
You lead Wild Weasel in a modified Thud, an F105 Thunderchief. Only one thing stands between you and Hanoi: Thud Ridge, 40 miles of rolling terrain leading straight downtown. Being a Thud Driver demands nerve, skill, and raw courage. Master the 10 actual missions. If you've got the guts, this is your game. $44.95
Three-Sixty, Inc., 2105 S. Bascom Ave., Suite 290, Campbell, CA 95008, (408) 879-9144

Thunder Blade
Control the world's most sophisticated attack helicopter in the home-computer adaptation of Sega's arcade hit. Fly over skyscrapers, mountains, deserts, and the sea as you attempt to accomplish the near-impossible mission of defeating the enemy. $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Thunderboy
An action-adventure game. Battle the dragon in the dark land where even the butterflies are deadly. $29.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Time Bandit
16 lands, 16 levels per land, over 3000 screens. Travel through time and space for priceless treasures. $39.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Times of Lore
An ancient land is in turmoil since the king and his young child disappeared 20 years ago. You as a hero-for-hire, learn much of the distinctions between appearance and reality while completing your quests. Over 60 characters, detailed cities and towns. $39.95
Origin Systems Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-0282

Titan
The year is 2114, the place: Vegapolis. Professor Hybris, the genius behind all analytical conceptors, is the creator of a brand new leisure concept, which has been driving crowds crazy. But the game is deadly and all have died somewhere along the eighty levels. To succeed you must guide the power sphere across eighty immense and synthetic worlds using just one magical and magnetic control unit, while avoiding all manner of death obstacles. Ultra-fast scrolling, multicolor graphics, and a variety of gameplay. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

Torch 2081
You are a pilot in the World Military Service chosen to defend your planet, Torch, against the remnants of interplanetary nuclear wars. Use the Surface Defense Glider to create panels that protect the inhabitants of the planet. Be careful, the task won't be easy: you'll face fireballs, deadly spit fires, and perimeter patrols who trace the edge of the panels in an attempt to vaporize you. Over 90 levels of play. $29.95
Digital Concepts, 43035 Hayes Road Suite 229, Sterling Heights, MI 48078, (313) 772-1416

Tournament Disk for Leader Board
Accessory for Leader Board. $19.95
Access Software, Inc., 545 West 500 South Ste. 130. Bountiful, UT 84010, (800) 824-2549

Tracers
The interiors of all computers have been invaded by terrorists, thieves, and other lowlifes. As a member of the Integrated Human Operations Police, you must stop them. $34.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Tracker's Quest
The family entertainment package for ages 4 to adult. Find the elusive and dangerous wild computer beast. Stay on its trail and you will capture it: step off and it gets raw tracker for dinner. Special learn mode for children. Promotes memory enhancement and computer skills, and includes a music system to calm the savage beast. $34.95
Backwoods Software, P.O. Box 305, Wallowa, OR 97885, (503) 886-9075

Transputor
3-D Arkanoid-style action. 32 screens. Superb digitized sound effects! $34.95
Scorpion, 19 Harbor Drive, Lake Hopatcong, NJ 07849, (201) 663-0202

Transylvania
The classic adventure by Antonio Antiochia. Rescue Princess Sabrina before dawn and avoid the Transylvanian night life. Available for A1000 only. $9.95
Merit Software, Inc., 13635 Gamma Road, Dallas, TX 75244, (214) 385-2353

Traveler by Paragon
A science fiction role-playing adventure. Explore unknown star systems, trade and piracy, governments, and political structures. Meet bizarre human and alien cultures and battle in fast-action combat with futuristic weaponry. The first adventure focuses on a sparsely settled area of the

Imperium called the Spinward Marches. The Marches are fertile ground for powerful adventures, literally surrounded with cultures often characterized as "other than friendly".
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Treasure Trap
The Esmeralda's gold is just inches away, but it might as will be a mile. You need help, but only the slimy jellyfish have any friends in this algae-covered wreck. A poisonous stingray races at you and a hammerhead darts in from the left. Your air supply is runing low and you can't find the key to the door that blocks your exit. Run, jump, and float through 100 multi-level rooms where you dodge crabs, eels, and octopi that won't give up without a battle. Solve unusual puzzles and figure out clever traps as you capture friendly fish, pick up lost keys and search for tanks of air, being careful that the last words you hear aren't "Glub, Glub". $39.95
Electronic Zoo, 3431-A Benson Ave, Baltimore, MD 21227, (301)646-5031

Triango
A strategy board game based on the ancient oriental game of GO. Place your pieces on the hexagonal-shaped grid and try to capture triangular-shaped areas. Surround your opponent's pieces with your triangles, and you'll capture his pieces. Up to 4 players at a time. Save games and records of your moves on the board. $39.95
California Access, 780 Montague #403, San Jose, CA 95131, (408) 378-0340

Trinity
It's the end of your London vacation and the beginning of World War III. Escape to another universe before an H-bomb vaporizes the city. Learn to travel through time and space, back to the dawn of the atomic age. $14.95
Infocom, See Mediagenic

Trivia 2 Expansion Disk for Discovery
Trivia categories include movies, space travel, and famous people. Discovery program disk required. $19.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Trump Castle
The ultimate casino gambling simulation. Trump Castle includes six of the most popular games: blackjack, roulette, craps, keno, nine varieties of slot machines including progressives, and video poker. From the 3-D animation of the roulette wheel and the dice at the craps table to nine different slot machines, varying table limits and range of chip values, Trump Castle brings real-life casino play to a home computer. $39.95
Intracorp, Inc., 14160 S.W. 139th Court, Miami, FL 33186, (800) 468-7226

Tunnels of Armageddon
An extremely fast-paced futuristic action game. Strap yourself in the snugly-fitting cockpit as you warp your way through a network of futuristic underground tunnels in search of the doomsday device. Disarm the device in time or Earth is doomed. Pick up different weapons and support items on your way. Realistic first-person perspective to make you feel as if you're really flying through a tunnel. Make it to the end in time and you'll be written up in history books. Fail, and you'll be history. $39.95
California Access, 780 Montague #403, San Jose, CA 95131, (408) 378-0340

Turbo
Speed through cities, countrysides, and mountains in this road war game with continuous shooting excitement. Increasing levels of difficulty, obstacles to both help and hinder the driver. $24.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

Twilight's Ransom
Interactive graphics/text adventure set in dangerous big city. You have twelve hours to rescue your kidnapped girlfriend Maria. Standing in your way is a rogue's gallery of hustlers, con men, and gangsters. Features include a picture disk with over twenty detailed illustrations. Actual clues to help you solve the mystery; over 175 mysterious locations to explore, and a complex plot in the best crime adventure tradition. $34.95
Paragon Software Corporation, 600 Rugh St., Greensburg, PA 15601, (412) 838-1166

U.S. Open Courses I
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Merion Golf Club, Winged Foot Golf Club, Bellerive Country Club, The Country Club of Brookline, MA and Shinnecock Hills, Long Island. $20.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

U.S. Open Courses II
Developed to work with Accolade's MEAN 18 golf simulation. Package contains five different courses: Baltusrol (Springfield, NJ), Olympic Club (San Francisco), Medinah #3 (Illinois), Champions Golf Club (Houston), and Oak Hill (Rochester, NY). Medinah hosted the 1990 U.S. Open. $20.00
Moonlight Development, 329 Shoreline Place, Decatur, IL 62521

UFO
Take one giant step beyond reality! UFO puts you at the controls of an advanced spacecraft capable of aerodynamic and Quantum flight. Your mission: scour planet Earth for the fuel needed to power your galactic ships, then return to the orbiting mother ship to trade raw fuel for supplies. You can explore subLOGIC Scenery Disks in an entirely new way with this easy-to-fly simulation. $49.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

UMS II
According to award-winning Ezra Sidra, the guiding principle in the development of UMS II has been "let the player control everything including the level of control he wants". UMS II is the most sophisticated Battle Strategy you'll ever use. From ancient battles of Classic History to the wildest science fiction fantasies, UMS II lets you recreate them all with its unique 3-D graphics system. $59.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Ultima III
Fantasy role playing. Defeat the evil wizard, using navigational strategies and ship-to-ship combat. Advanced dungeon graphics and full-color visuals. One to four players and roster of up to 20 characters. Soundtrack with on/off sound toggle. $39.95
Origin Systems Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-0282

Ultima Trilogy I-II-III
The complete Ultima adventures in a single package that tells the captivating story of the struggles of Lord British's kingdoms with the forces of darkness—the Triad of Evil. Journey through The First Age of Darkness, confront The Revenge of the Enchantress and then face Exodus: Ultima III when the Great Earth Serpent awakens from a slumber of ages. Only a party of adventurers can save Sosaria. $59.95
Origin Systems Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-0282

Ultima IV
Fantasy role playing. Become an Avatar and lead your people by demonstrating the virtues of Avatarhood. Hundreds of characters to interact with. Difficult challenges, ethical dilemmas. $59.95
Origin Systems Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-0282

ENTERTAINMENT

Ultima V
Over four man-years in the making, Ultima V is the latest in the saga. Takes place in the extraordinary realm of Britannia, and features all new magic and combat systems. Lord British, benevolent sovereign of Britannia, has been lost on an expedition to explore the newly discovered underworld. Blackthorn has assumed the throne and imposed martial law to keep peace, but he is soon seduced by power and becomes a tyrannical dictator. Only you, the Avatar of Legend, can save the true King and end Blackthorn's reign of terror. Full-length music soundtrack. $59.95
Origin Systems Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-0282

Uncle D's ConSOUNDtration
The ultimate game of concentration for children age four & up. Match digitized sounds with colorful graphics. Requires no reading skills. Includes three data bases: ABCs, 123s, and Pixs (animals, tools, environmental, etc.). $29.95
AlohaFonts, P.O. Box 1112, Rancho Cordova, CA 95741-1112, (916) 631-9633

Uncle D's ConSOUNDtration Data Disk #1
Additional games to be used with Uncle D's ConSOUNDtration. Includes commonly seen signs, states of the U.S., and more environmental, animal, music, etc. $24.95
AlohaFonts, P.O. Box 1112, Rancho Cordova, CA 95741-1112, (916) 631-9633

Uninvited
An award-winning graphic adventure by ICOM Simulations. Spend an "unusual" day in a haunted mansion as you attempt to find your brother and uncover the eerie secrets of an eerie house. You don't want an invitation to this mansion! $49.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Universe 3
Animated role-playing adventure game. Set in the 24th Century, you lead a diplomatic mission to Earth. Features a sophisticated mouse-based parser for rapid play. Also includes digitized sound effects. $49.95
Omnitrend Software, Inc., P.O. Box 733, West Simsbury, CT 06092, (818) 700-0742

Vampire's Empire
Deep in the Transylvanian forest, in the depths of his underground lair, Count Dracula and his minions stir. Armed with your Magic Light, mirrors and garlic you must fight your way through the Vampire's Empire to battle the evil Count. $44.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Vegas Gambler
A realistic casino gambling simulation with stunning graphics and life-like sound. Features 4 popular games: Blackjack, Video Poker, Roulette, and Slots. Accurate odds and payoffs based on a famous Las Vegas casino. $39.95
California Access, 780 Montague #403, San Jose, CA 95131, (408) 378-0340

Video Vegas
Exciting casino action on your computer. Try your luck on slot machines, draw poker, Blackjack or Keno. Includes Blackjack card counting. Games look and play exactly like the real versions in Las Vegas. Offers fun for the beginner and challenges the pro. $34.95
Baudville, 5380 52nd St. SE, Grand Rapids, MI 49512, (616) 698-0888

Vigilante
Nothing like a well-delivered flying kick to stop these bald-headed brutes. Better get a grip on your chako-sticks or you won't get your girl. Those scuzzy guttersnipes have resurfaced. This time they're wreaking havoc on your home turf and they've kidnapped your woman. There's no telling what they might do! Even the cops have copped out. It will be up to you to save her. As Vigilante, you must take the power into your own hands and stop these maniacal mohawks before it's too late. Only you can defeat the skinheads, deliver justice, and rescue your babe. Use your fists, feet, or nail 'em with your nunchucks, because these punks only fight one way—dirty! $44.95
Data East USA, Inc., 1850 Little Orchard Street, San Jose, CA 95125, (408) 286-7080

Viper Patrol
Muscles tense, beads of perspiration dot your brow, and trained eyes search a scrambled message. Mission control has spotted enemy activity in the 7th quadrant: your backyard. Starfleet is on routine patrol far beyond the other side of the galactic core! No signal can reach them in time. Strap yourself in and blast off to meet danger head on! Hone skills to perfection as you blow apart wave upon wave of enemy vipors! Keep your finger on the trigger and eyes on incoming fighters as you remember only this: you're all you've got! $14.99
Keypunch Software , 1221 Pioneer Building, St. Paul, MN 55101

Vortex by Visionary Limited
Man's misguided attempt to harness new sources of energy ripped a hole in the very fabric of space-time. Engulfing everything in its path, the resulting Vortex also acts as a gateway for antimatter aliens from another universe. Fight up to 32 enemies at once. Vibrant graphics, and smooth animation. $39.95
Media Technology Limited, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

Vyper
Save the universe. Over 100 levels, 25 opponent types, and panning stereo sound. Extremely fast animation. For 1 or 2 players. Addictive! $39.99
Incognito Software, 26717 Plymouth, Redford, MI 48239, (313) 937-1850

WILD STREETS
A supercop and a black panther team together in a high risk mission. "A top CIA agent has been kidnapped, find him! You know that action and fighting are inevitable". You have been trained to accomplish the most dangerous missions. In a very special police academy, you learned how to master the world's most secret and lethal techniques of martial arts. Your 357 Magnum will be with you to help you, but your hands and feet are powerful and won't run out of ammo. Dropped from the chopper, you and the panther will explore the city slums to find the prisoner. Your mission is to find him and to bring him back to a safe place, while protecting him from the attacks of riff-raffs. $44.95
Titus Software Corporation, 20432 Corisco St., Chatsworth, CA 91311, (818) 709-3693

WINGS
A personal combat simulator that puts the player at the controls of a WWI biplane; includes over 200 missions (and in-game wartime diary) which accurately represent the triumphs and tragedies of WWI. Player participates in secret bombing missions, strafes enemy aerodromes, locating and destroying enemy targets, and matching wits and flying skills against the Red Baron and his Flying Circus. Requires 1MB RAM. $49.95
Cinemaware Corporation, 4165 Thousand Oaks Blvd., Westlake Village, CA 91362, (805) 495-6515

War in Middle Earth
Fantasy role-playing war strategy, animated adventure game. Follow in the footsteps of Frodo, Aaragorn, and Gandalf as they battle to get the ring to the Cracks of Doom. The Destiny of Middle Earth lies in the balance. Roam at will across the 36-screen scrolling map containing thousands of digitized locations as you control a cast of over 80 animated characters and armies. $49.99
Virgin Mastertronic International, 18001 Cowan Street, Suite A & B, Irvine, CA 92714, (714) 833-8710

Warlock
You alone have been chosen to rescue the stolen Karna from the depths of darkness. Journey through 20 levels of ghoulish graveyards and creepy countryside to locate this precious jewel. Equipped with only your wits and your scepter, you'll do battle with as motley an assortment of critters as you've ever imagined! $34.95
Three-Sixty, Inc., 2105 S. Bascom Ave., Suite 290, Campbell, CA 95008, (408) 879-9144

Waterloo
Napoleon. Wellington, and the Battle of Waterloo! The most famous commanders in history meet on the most famous battleground in the world. You are there, living the battle from the commander's perspective. Take the place of Napoleon or Wellington and lead the forces that changed history. $59.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Wayne Gretzky Hockey
This riveting simulation is packed with all the strategy, excitement, and hard-hitting action we could squeeze into an Amiga. Actual digitized fight videos drop you right where the playing gets rough! Fully animated players, digitized stereo effects right from the rink, extensive player stats, variable speed instant replay lets you review the action in forward or reverse. $49.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

Wayne Gretzky Hockey Data Disk
Includes 24 NHL teams with player names and numbers, 11 different player ratings and line combinations. $19.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

Weird Dreams by Medalist International
Puts players into the subconscious mind of a hospital patient as he undergoes surgery. Here the player encounters giant wasps, carnivorous rose bushes, a psychopathic lawn mower, and a little girl who is not all sugar and spice. Confronting the many unusual challenges in Weird Dreams directly affects the patient's health on the operating table. Anyone claiming to have figured it all out will need more psychiatric help than the designers of the game. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Welltris
This game challenges the player to manipulate falling shapes, consisting of various configurations of squares, into solid rows. Pieces appear randomly, one at a time, at the top of any side and slide to the bottom; as they fall, they may be rotated and moved from wall to wall. Earn the highest possible score by forming horizontal or vertical rows with no gaps. $34.95
Spectrum HoloByte, 2061 Challenger Drive, Alameda, CA 94501, (415) 522-0107

Western European Tour
Our latest and hottest scenery disk available yet! To be used with all subLOGIC flight simulation products. Detailed scenery covering southern Great Britain, northern France, and southern West Germany. The basis of our fun "Find Red Square" promotion. $24.95
subLOGIC Corporation, 713 Edgebrook Drive, Champaign, IL 61820, (800) 637-4983

Western Games
Package contains two disks and is played in the tradition of the wild wild West. Actually 6 great games rolled into one rootin'-tootin' contest. One or two players can compete in a series of wacky Olympic-style contests including: arm wrestling, beer shooting, cow milking, dancing, eating, and quid spitting. Digitized sound and great animation! $34.95
DigiTek Software, 8910 N. Dale Mabry Executive Center, Tampa, FL 33614, (813) 933-8023

Where In The U.S.A. Is Carmen Sandiego?
Now she's out to steal the great treasures of the United States. As you travel, you'll learn about the geography, economy, and history of all 50 states, plus the District of Columbia. Package includes Fodor's USA travel guide. You'll work your way up through ten detective ranks. Also available in school edition. $49.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

Where in the World is Carmen Sandiego?
Players are introduced to world geography. Carmen and her notorious band of thieves are on a worldwide crime spree. Using your crime computer at the Acme Detective Agency, you'll gather facts before embarking on an international chase through the beautiful capitals of the world. $44.95
Broderbund Software Inc., 17 Paul Drive, San Rafael, CA 94903, (800) 527-6263

White Death 1MEG
World War II Eastern Front strategic simulation with digitized sound. Full color graphics. Computer opponent, or play by modem. $59.95
Command Simulations, 330 S. Dekatur, Las Vegas, NV 89107, (702)870-8162

Who Framed Roger Rabbit?
The movie comes to the small (Amiga) screen. Three great arcade sequences in a game animated with Disney art. Like three games in one! $44.95
Buena Vista Software, 500 S. Buena Vista St., Burbank, CA 91521, (818) 972-3440

Willow
Relive the excitement of the movie in this exciting adventure. Overthrow the evil Queen Bavmorda in this graphically impressive game, which includes seven separate adventures. $39.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Windwalker
Lightning-fast martial arts action combined with extensive role-playing. Encounter a variety of colorful characters in palaces, monasteries, pagodas, and countryside located throughout multiple regions. Explore the culture, personalities and events of the ancient Orient. Animated combat sequences with authentically depicted gymnastic and acrobatic movements. Features hundreds of characters including merchants, alchemists, villagers, and farmers. $39.95
Origin Systems Inc., P.O. Box 161750, Austin, TX 78716, (512) 328-0282

Winter Games
Participate in seven different events, from downhill skiing to figure skating. Compete against your friends or the computer. Complete with national anthems. $19.95
EPYX, 600 Galveston Drive, Box 8020, Redwood City, CA 94063, (415) 366-0606

Wishbringer
A ransom note from a kidnapped cat takes an ordinary mail clerk through extraordinary adventures to the powerful Wishbringer stone. $14.95
Infocom, See Mediagenic

Witness
You're a hard-boiled detective in 1938 L.A. Find the real culprit of a murder case or face suspicion yourself. $9.95
Infocom, See Mediagenic

ENTERTAINMENT

Wizard Wars
Creative graphics adventure. Tale of gallant heroism and wicked villainy. Set in the imaginative fantasy kingdom of Mogardia. State-of-the-art graphics; over 50 fantastic creatures; sophisticated combat generation, 3-D scrolling mazes, sound effects, musical score. Includes Wizard's spell book and pouch. $39.95
Paragon Software Corporation, 600 Rugh St., Greensburg, PA 15601. (412) 838-1166

Word Plex 2.0
Phrase-guessing game similar to TV's Wheel of Fortune. Set difficult level and number of players. You can define your own data or jargon or use the program's library of phrases. $39.95
OXXI, Inc., 1339 East 28th Street, Long Beach, CA 90806, (213) 427-1227

Word Plex Data Disks
Over 1000 trivia phrases for use with Word Plex from American History topics (presidents, state capitols, and more), Nature (animals, flowers, natural wonders), and The Bible. $29.95
OXXI, Inc., 1339 East 28th Street, Long Beach, CA 90806, (213) 427-1227

World Class Leader Board
Update to Leader Board $44.95
Access Software, Inc., 545 West 500 South Ste. 130, Bountiful, UT 84010, (800) 824-2549

World Games
Travel around the world to compete against international athletes in eight sporting events. Ski in France, roll logs in Canada, dive cliffs in Mexico, lift weights in Russia, and ride bulls in the U.S. $39.95
EPYX, 600 Galveston Drive, Box 8020, Redwood City, CA 94063, (415) 366-0606

World Snooker
Enjoy pool played 5 different ways from around the world. Great graphics and logical layout make it easy to use and fun to play. Zoom-in for precision, play in a practice mode, challenge 6 different levels against the computer. $24.95
Artworx, 1844 Penfield Rd., Penfield, NY 14526, (800) 828-6573

World Tour Golf
Choose from over 20 different courses or design your own. Model your player after a favorite pro golfer. Split screen allows player to view overhead golfer's eye view simultaneously. $19.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Wrath of the Demon
A multi-disk game that combines state-of-the-art, multi-level parallax scrolling with spectacular graphics, animation and playability. You are on a quest to rid the kingdom of an evil Demon and his minions, rescue the princess, and restore honor to your King. Your quest leads you through caves, swamps, temples, and castles before reaching your ultimate challenge ... the Demon himself. $49.95
ReadySoft Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

XIPHOS
A futuristic space odyssey that combines fast-paced arcade action and sophisticated 3-D flight simulation and strategic adventure in one package. In arcade mode, you are presented an incredibly challenging array of enemy ships with scouts, fighters, cruisers, mother ships, and star bases darting into play. Arm and fire beam and particle weapons, homing and straight-line missles, and tractor beams while using your compass, and radar displays to keep track of enemy ships. $39.95
Electronic Zoo, 3431-A Benson Ave, Baltimore, MD 21227, (301)646-5031

Xenophobe by Medalist International
Classic arcade game of alien extermination. A combination of fast and furious action, high-tech weaponry and detailed, often amusing graphics. Xenophobe puts you in command of three ragtag squads of scientists and soldiers to reclaim abandoned space stations from alien invaders. Aliens are everywhere in the game and they don't feel like negotiating. From a squad of nine men, the player selects the two best personalities to handle each mission. They then face a continuous wave of strange creatures with names like Roller Baby, Snotterpillar, and Tentacle, each having its own special way of knocking out human attackers. Soldiers fight back with a smoke gun, laser pistol, lightning rifle, and hand grenades. $39.95
MicroProse Software, Inc., 180 Lakefront Drive, Hunt Valley, MD 21030, (301) 771-1151

Zak McKracken And The Alien Mindbenders
Reporter Zak McKracken and two Yale coeds uncover an alien plot to stupefy all mankind. With this game, you'll enjoy cunning clues and hip humor as you track the mystery to the exotic corners of Earth and beyond. Off-the-wall clues and fast point-and-click action keep the fun moving. $44.95
Lucasfilm Games, P.O. Box 10307, San Rafael, CA 94912, (800) 782-7927

Zany Golf
Players maneuver their ball through flashing lights and crazy music in the Pinball Hole; putt under a jumping burger in the Hamburger Hole; and dart laser beams, particle rays and transporter pads in the Energy Hole. The imagination is unleashed in holes featuring moving walls, magic carpets, a castle, and a hole with a mind of its own. $39.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

Zero Gravity
You're on a journey of discovery into the farthest reaches of the universe, charting new courses into the unknown. But space travel can get monotonous, what can you do? Play Zero Gravity, space age racquetball. You're on one side of the cargo bay in a weightless atmosphere. Use your paddle to hit the red and white ball off the panels to trick your opponent. You use the top half of the screen, your opponent uses the bottom. $29.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Zork I
The interactive classic that takes you to the ruins of an underground ancient empire to search for the Treasures of Zork. $14.95
Infocom, See Mediagenic

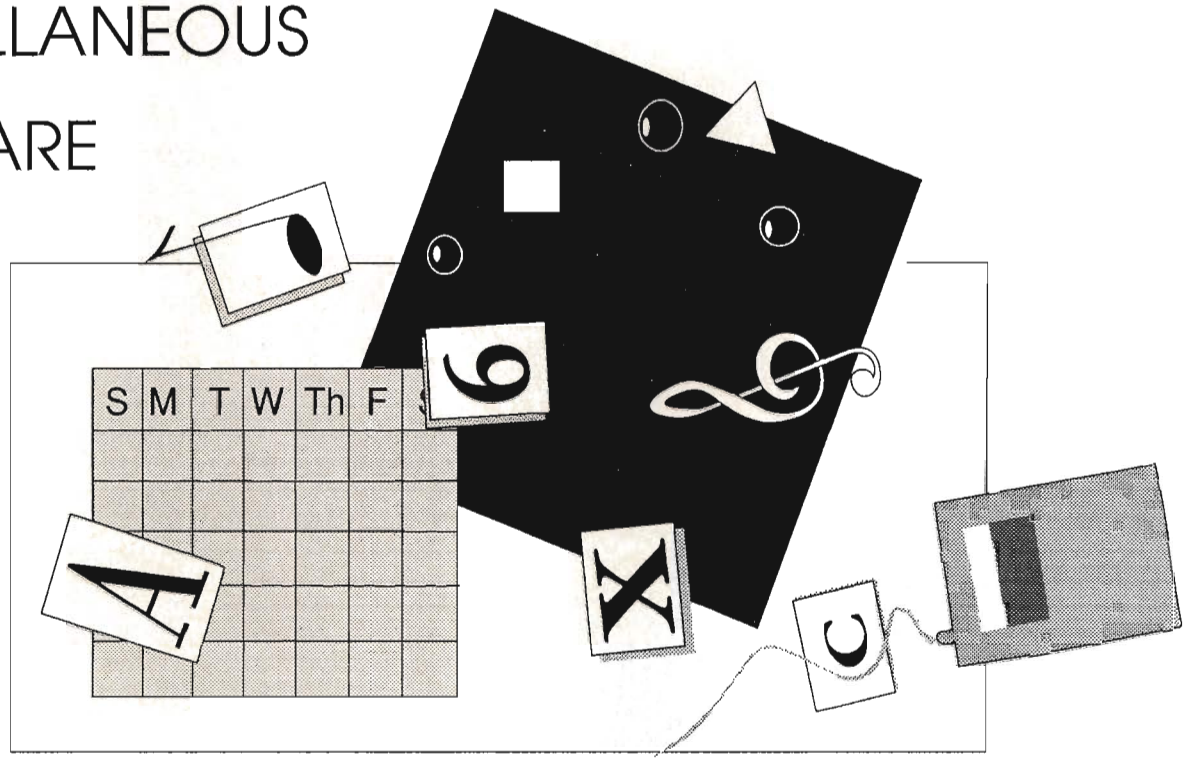
Zork II
Journey to a hidden region ruled by the exiled Wizard of Frobozz. $14.95
Infocom, See Mediagenic

Zork III
Finish the game by finding out why you are in the perilous ruins of the empire and what you are supposed to be doing there. $14.95
Infocom, See Mediagenic

Zork Trilogy
Zork I, Zork II, and Zork III all in one package. $49.95
Infocom, See Mediagenic

Zynaps
Four exciting levels of fast-paced, intense arcade action! $34.95
Scorpion, 19 Harbor Drive, Lake Hopatcong, NJ 07849, (201) 663-0202

MISCELLANEOUS SOFTWARE



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AMIGAtrak is a tracking program for Earth-orbiting satellites. Quick and easy to use, the program provides the location of satellites on a world map with time, longitude, phase, and beacon frequency, plus azimuth and elevation bearings when the satellite is in range. Voice readout is available and routines for scheduling, hardcopy, etc. are included. $24.00
NH Enterprises, 22104 66th Avenue West, Mountlake Terrace, WA 98043, (206) 774-7440

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MAGELLAN V1.1
Expert system-generating tool designed to allow users to build knowledge bases quickly through a mouse and window; graphically oriented interface. Knowledge is stored in an IF/THEN rule format, which can be edited and corrected easily. Runs on any Amiga with 1MB. $195.00
Emerald Intelligence, 3915 Research Park Drive Suite A1, Ann Arbor, MI 48108, (313) 663-8757

MAGELLAN V1.1 plus the MAGELLAN Interface Toolkit
Expert system-generating tool designed to allow users to build knowledge bases quickly through a mouse and window; graphically oriented interface. Knowledge is stored in an IF/THEN rule format, which can be edited and corrected easily. Runs on any Amiga with 1MB. The Interface Toolkit expands the capabilities of MAGELLAN by providing five interfaces to other software and hardware, including: SuperBase database files, Lotus 1,2,3 format spreadsheets, the serial port, ASCII text files and ARexx macro commands to run MAGELLAN from other software utilities. The Interface Toolkit is also available as an upgrade to registered MAGELLAN V1.1 users for $75.00, plus s & h. $249.00
Emerald Intelligence, 3915 Research Park Drive Suite A1, Ann Arbor, MI 48108, (313) 663-8757

NeuroPro
Neural Network Artificial Intelligence. Uses three-layer, back-propagation neural networks to automatically learn pattern recognition and stimulus-response relations. Up to 192 neurons, 4096 interconnections. Load/save network arrays, input and output patterns. Built-in automatic support for math coprocessor. High-speed assembly language; modifies 2–20,000 connections per second. $89.95
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
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MISCELLANEOUS SOFTWARE

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AmigaVision is specially designed to unlock the power and unique multimedia capabilities of the Commodore Amiga® personal computer. This versatile multimedia authoring system is an invaluable software tool that assists you in combining video, animation, graphics, text, and sound into dynamic presentation, and application. Computer-based training, exhibits and trade show displays, Interactive vide, video catalogs, business presentations. 3-D simulations, information kiosks, audio/visual productions, point-of-sale systems, and scores of other applications. $149.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

CanDo
CanDo (Power Steering for the Amiga) is a unique, revolutionary software authoring system which allows any Amiga user to create sophisticated software without any programming experience. This gives Amiga users a practical and easy way to use the output from graphics and sound programs which they are already familiar with. Create a program (with complete user interface, including menus and buttons) that displays ILBM graphics, plays DPaintIII AnimBrushes, sampled sounds, and much more. Now, anyone CanDo it! $149.95
Inovatronics, Inc., 8499 Greenville Ave., Ste. 209B, Dallas, TX 75231, (214) 340-4991

CanDo Intro Pak
This tutorial-intensive package is designed for getting new CanDo users up to speed as quickly as possible. Included are seven CanDo decks on disk and a large manual describing in close, step-by-step detail how they were made . Information on installation, tool-type settings, technical topics, and script-writing in general will make any CanDo user a CanDo expert. $39.95
Inovatronics, Inc., 8499 Greenville Ave., Ste 209B, Dallas, TX 75231, (214) 340-4991

CanDo Pro Pak 1
The first companion product to CanDo, Pro Pak 1 contains some amazing examples of CanDo-generated programs, called "decks" (including freely redistributable IFF resources), along with insights on how they were created. Also included are utilities and extensions to CanDo itself, for making the applications authoring system more powerful than ever. $39.95
Inovatronics, Inc., 8499 Greenville Ave., Ste 209B, Dallas, TX 75231, (214) 340-4991

Foundation
Foundation, published by Impulse and programmed by Intuitive Technologies, is the ultimate expert system for end users to gain complete control over their Amiga computer system, enabling them to create applications and interactive presentations without prior programming knowledge. The authoring software comes with a freely-redistributed run-time player, allowing stackware created with Foundation to be distributed to all Amiga owners, even those who don't own Foundation. The system fully exploits ARexx and the Amiga's multitasking power. Foundation stacks are 2.0 and CDTV-compatible. $250.00
Impulse, Inc., 6870 Shingle Creek Parkway #112, Minneapolis, MN 55430, (612) 566-0221

PILOT: Programmed Inquiry, Learning, Or Teaching (Version 1.3)
Authoring language for computer-based instruction and interactive video which implements the common PILOT command set. Programming environment includes sound, synthetic speech, IFF graphics, mouse input, timed delays, record keeping, selectable fonts, and interactive video support. Additional support includes Pioneer LD-V4200 Laser VideoDisc Player, partial support for other RS-232 video devices, genlock, with touch panel support for the Sony PVM-1911 monitor, or the Carroll touch smart-frame panel. $299.95
Flight Training Devices, P.O. Box 91723, Anchorage, AK 99509, (907) 276-6719

THE ELECTRONIC BOOK
A basic picture/text organizer that gives you a format for presenting your pictures and writings to other Amiga owners by using mouse clicks. You'll be able to rapidly show all picture formats and quickly read your documents using this system. Digital Arts/257 $25.00
Hilson Digital USA, for DigitalPub/257 & Digital Arts/257, 900 Mansell Road, #12, Roswell, GA 30076, (404) 998-7776

Thinker 2.1
Thinker 2.1 is a sophisticated hypertext system that combines word processing and outline processing with hypertext. Its editing, outline and database capabilities make it an excellent tool for creative writing, online documentation, planning and design, small business databases, and computer-aided education. Documents containing multistyled and multicolored text and images link to other documents, pictures, and applications. Click on a word or phrase and check a reference, view a picture, or launch a Workbench or CLI application and control it with ARexx. $80.00
Poor Person Software, 3721 Starr King Circle, Palo Alto, CA 94306, (415) 493-7234

V.I.V.A. Professional
Object-oriented authoring system for interactive presentations and computer-based training. Can utilize graphic images or laser videodisk segments. $750.00
Knowledgeware, P.O. Box 2292, Paso Robles, CA 93447, (805) 238-5233

VIVA (Visual Interfaced Video Authoring)
A hypermedia authoring environment for the Amiga user. VIVA lets you create, manage, and display information. Control text, graphics, video, color, and animation. Also controls video recorders, laser videodisk players, and a full range of visual media devices. Use as stand-alone interactive environment or an information-dispensing system. Icon-driven program is very easy to use. It combines a graphical user interface, easy editing, graphics libraries, custom fonts, a speech module, and many more features. With the visual construction set represented by icons, anyone can create a personalized application at the click of a mouse. $199.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

VIVA Professional
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Electronics & Software
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HK Electronics & Software AB, Hemvärnsg 8, Solna S-171 54, Sewden, (011) 46-829-6773

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Jumpdisk
A monthly disk-based magazine for the Amiga. 12 mos., $66.00; 6 mos., $37.00; 3 mos., $20.00; single issue, $9.00.
Jumpdisk, 1493 Mountain View Ave., Chico, CA 95926, (916) 343-7658

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Monthly magazine disk, all Australian content, for users ranging from beginners to experts.
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Australia 5035, 011-61-8-293-8752

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Signs Etc. by D. Knox, P.O. Box 628, Carmichael, CA 95609, (916) 944-4282

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Acorn Of Indiana, 2721 Ohio Street, Michigan City, IN 46360, (219)879-2284

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Better View
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TSSnet
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Gfx Base, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

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Bible Files On Disk
Genesis through Revelation, 9 disks. ASCII text files to be used with text editors or word processors. Word searching dependent on text editor or word processor's capability. Not copy protected—may be installed on hard drive. King James only. Make checks or postal money orders (U.S. funds) payable to Don Keiffer. $59.95
John 1:1 Graphics, P.O. Box 316, Bellflower, CA 90706

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These maps cover the entire Mediterranean and Middle East, with exceptional accuracy (better than 1:250,000) applied to the land of Palestine. 8-disk set includes: 4 base maps (templates); 10 finished maps; assorted clips, including common symbols and scales; manual, with actual printouts of all the maps in the set, and details for clipping, sizing, and editing. Includes printout of 11 x 21 reference map of Palestine. Designed for use in Professional Draw and related programs (EPSF available by special request). $49.95
Bible Graphics, 2751 Nolan Trace, Leesville, LA 71446. (318) 239-4614

Bible Land Map Set (Reference Set)
This is the disk set that produces the 11 x 21 City Location Reference Map in the Basic Set's manual. Map is done in two to six printouts (depending on memory and printer), and then pasted together for final copy. Double output size and create a 22 x 42 wall map. 6 disks, with instructions. $24.95
Bible Graphics, 2751 Nolan Trace, Leesville, LA 71446, (318) 239-4614

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EasyScript! Software, 10006 Covington Drive, Huntsville, AL 35803, (205) 881-6297

BibleReader! (King James Version) (International Version)
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EasyScript! Software, 10006 Covington Drive, Huntsville, AL 35803, (205) 881-6297

N.T. Bible Database
The N.T. Bible Database is a database file of the New Testament that is to be used with Superbase Personal 2 or Superbase Professional 3.0 database programs. The New Testament chapter with the data, a 2-disk set is available which includes the King James New Testament text files with an .sbt extension giving you the ability to see each chapter in Superbase's text window as an external text file. An external drive is needed for this. CA residents please add 6.75% tax; s & h is $5.00 U.S., $10.00 Foreign. Make check or postal money order (U.S. funds) payable to Don Keiffer. Database only, $19.95; Database plus New Testament, $49.90.
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Regression
Comprised of procedures based on the least squares technique. Program set includes simple linear regression, four multilinear regression programs, ridge regression, and regression using orthogonal polynomials. Provides a Durbin-Watson program to study the statistical quality control and all information related to chart preparation. Includes large section on the analysis of variance and experiment design. Topics and software cover traditional and more sophisticated quality control methods. $145.00
Lionheart Press, Inc., P.O. Box 379, Alburg, VT 05440, (514) 933-4918

• TELECOMMUNICATIONS •

A-Talk III
For communications and terminal emulation on the Amiga. Includes X, Y, ZMODEM, KERMIT, and ASCII protocols. Script language with over 40 commands, unattended mode, 60-entry phone directory, quick menu for global selections, and 2-, 4-, 8-color support. $99.95
OXXI, Inc., 1339 East 28th Street, Long Beach, CA 90806, (213) 427-1227

ANSIEd
Create a full screen (22 lines, 80 characters) of Standard ANSI text/graphics in any mix of colors and styles. Fast menu bar provides access to color palette, normal, freehand, box filled/unfilled drawing modes, and text style/color status. Options to compress files. store icons, filter ANSI codes, and store IBM-compatible format files. If you operate an Amiga BBS. regardless of the equipment, you should be using ANSIEd to create your ANSI displays. $20.00
Commodore Business Machines, 1200 Wilson Drive. West Chester, PA 19380, (215) 431-9100

Amigaterm
Sophisticated emulation and telecommunications package that is easy to use. Select up to 130 columns to be displayed on screen. Pull-down windows make operations simple. This package supports X-modem and CompuServe B protocols. $49.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Atredes BBS
Advanced bulletin board for the Amiga. Can use most standard drawing functions over the modem (including IFF brushes. freehand, line mode, boxes fill modes, flood fill, etc.). Program limited only by the size of your system. 255 access levels, full text parser, hot keys, personal file transfers, and support for the new SkyPix protocol. Includes Skypaint $149.99
Incognito Software, 26717 Plymouth, Redford, MI 48239, (313) 937-1850

Atredes SkyPaint
Paint program allows the user to design complex graphics for real time modem display. Supports most standard drawing functions including IFF brush transfers and 4-bitplane graphics. $49.99
Incognito Software, 26717 Plymouth, Redford, MI 48239, (313) 937-1850

Atredes Terminal
Powerful terminal with SkyPix support. On-line mouse/joystick control. Will receive IFF brushes, sound, and SkyPix functions in real time over the modem. Supports most popular protocols. $49.99
Incognito Software, 26717 Plymouth, Redford, MI 48239, (313) 937-1850

BBS-PC!
An electronic bulletin board system that gives the user full control over the menus and operation. Featuring sixteen user-definable sections, private e-mail and total data security, BBS-PC! is the standard. $149.95
Micro-Systems Software, 12798 Forest Hill Blvd. Suite 202, West Palm Beach, FL 33414, (407) 790-0772 tech

MISCELLANEOUS SOFTWARE

Baud Bandit
User-friendly telecommunications software. Clipboard support, macros, programmable function keys, and full ARexx support. $49.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Dr. Term Pro
Powerful telecommunications software with main frame emulations and protocols. $79.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

MiddleMan
Fast and accurate VT100 emulation. Supports numeric keypad, graphics character set, local file printing, text file transfer, and more. $59.95
Benaiah Computer Products, Inc., P.O. Box 14502, Huntsville, AL 35815. (205) 536-9933

MiddleMan II
Tektronix 4,105-color graphics terminal emulator. Supports four screen resolution modes, up to 32 colors, and VT100 emulation. $149.95
Benaiah Computer Products, Inc., P.O. Box 14502. Huntsville, AL 35815, (205) 536-9933

Online Platinum Edition
Incorporates all the features listed under The Works! Telecommunications Module. Includes new Research and Development Division design named Sadie!, a two-way file transfer and chat protocol that lets you download and upload simultaneously. $69.95
Micro-Systems Software, 12798 Forest Hill Blvd, Suite 202, West Palm Beach, FL 33414, (407) 790-0772 tech

Paragon BBS-V2.0
Paragon is a very powerful BBS program offering everything a Sysop could want, featuring multi-line capability, a Z modem which supports resume and batch, on-line programs (doors), menu compilation. FidoNet networking, locked baud rates, and much more. $165.00
Inner Circle Software, P.O.Box 486, Northboro, MA 01532, BBS (508) 393-3875

ProtoCall
Fully featured telecommunication package designed to utilize all the power of the Amiga. $49.95
Data Solutions, 43624 Appomattox Court, Canton, MI 48188, (313) 397-2889

SKEterm
Communication package with many features. $49.95
SKE Software Company, 2780 Cottonwood Court, Clearwater, FL 34621, (813) 787-3111

VTX On-Line
State-of-the-art graphics communication program offers on-line help with pages referenced to the manual, scripting with automatic generation, clipboard-compatible capture buffer, and mouse or menu interface. Supports CompuServe GIF raster graphics with HAM mode support for 256 colors. Protocols include ASCII, Xmodem, Xmodem-1K, Ymodem, Kermit, and more. $79.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

term2200
Emulates the Tandberg 2200 terminal, commonly used with Norsk Data minicomputers. It displays Norwegian, Swedish, German, and English characters, and the <esc>N and <esc>O character sets. Baud rates up to 9,600 are supported. Push keys, F keys, and many of the 2200's special function keys, such as COPY, EDIT, MARK, and PRINT are supported. PC/Link and XMODEM file transfer is supported, as well as the auxiliary printer. This product functions properly with NOTIS-WP, NOTIS-ID, and User Environment. $125.00
Venn Software Ltd., 328-1027 Davie Street, Vancouver, B.C., Canada V6E 4L2

term6312
Emulates the Concurrent (Perkin-Elmer) 6312, 1251, and 1200 terminals. All functions required by Reliance R08, MEDIT, and LEX are supported. It supports blinking, underlined, low intensity, and non-display fields. The status line, 32 function keys, and audible beep are available. Baud rates from 300 to 9,600 are supported. The auxiliary printer is supported. $150.00
Venn Software Ltd., 328-1027 Davie Street, Vancouver, B.C., Canada V6E 4L2

• TUTORIALS •

AmiKit
Introduction to the Workbench and CLI. The AmiKit includes hands-on, step-by-step instructions in an informative book describing how to begin using the Workbench and CLI. The CLI section of the book is divided into two chapters: Introduction to the CLI and the most useful chapter, CLI Commands, which includes examples on the new 1.3 Workbench. Also introduces the modem to access bulletin boards which offer free downloadable public domain software. Package also includes a list of books and magazines that are of interest to beginners and advanced users. Includes 3 disks—two public domain programs, and the latest official version of Workbench. $39.95
Vega Technologies, 2302 D Avenue Suite=104. National City, CA 92050, (619) 477-5887

Mastering CLI and the SHELL
Interactive tutor. Allows user to type in commands with various options. Shows results and explains them in detail. New users will be using CLI from the start. Uses the common commands extensively to familiarize new user with CLI environment. Also includes The Assistant, a memory resident reference of 21 most commonly used commands to provide quick on-line help. New version: 2.5 features full AmigaDOS 1.3 and SHELL coverage. Over 250 pages of tutorials-interactive instruction. 1,000-plus typed-in examples, diagrams, and numerous ready-to-run script files. Expanded online help, hard disk installation routines, and more. $39.95
Graphic Expressions, P.O. Box 110028, Nutley, NJ 07110, (201) 661-0408

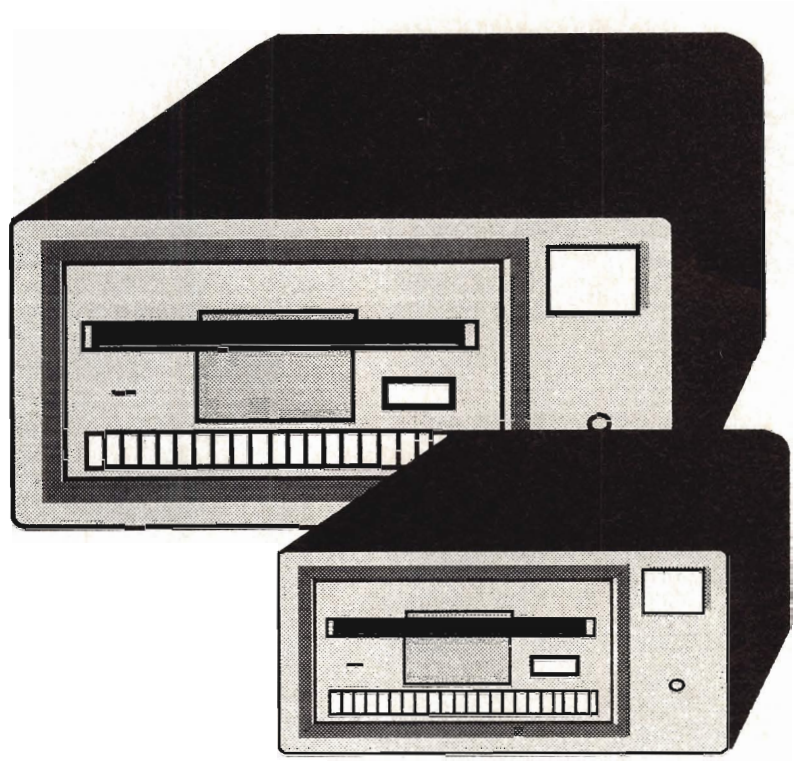
MegaDOS
Disk full of CLI and Workbench explanations and tutorials. Makes understanding the Amiga environment straightforward. AUS $19.00
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Australia 5035. 011-61-8-293-8752

• WEAVING •

Weave-It
Weaving program with 6 grid sizes, any 6 colors at one time, 12 harnessers, and 14 treadles. Modify drawdown or design colors anytime. Change threading, tie-up, or treadling anytime. Compatible with other Amiga graphics software. Saves in IFF format. $74.95
Joyce I. Peck, P.O. Box 1051, Qualicum Beach, BC, Canada V0R 2T0, (604) 752-3364

Weave-It Plus
All the features of Weave-It with the utility programs Fibre-Facts and Calculate-It. Both utility programs fully use the Amiga interface, do point-and-click calculations, convert standard measures to metric, and print calculations to any Amiga Preferences printer. $89.95
Joyce I. Peck, P.O. Box 1051, Qualicum Beach, BC, Canada V0R 2T0, (604) 752-3364

DRIVES



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• EXTERNAL FLOPPY DRIVES •

3 1/2 Slimline Drive
3.5-inch floppy disk drive. Slimline design only 1-inch-high. Has 26-inch cable for easy positioning. It also has through port for connecting additional drives. $139.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

A1010 3.5-inch Floppy
Your expanding business and personal needs demand extra versatility and increased productivity. Add the A1010 to your system as an additional external drive and enjoy increased storage. With the internal drive, the A1010 will support a business environment with greater capacity and fast back-up. $299.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

A1020 5.25-inch External Drive
5.25-inch external floppy drive with 360K formatted capacity. When used with AmigaTransformer, it also allows file copy from 5.25-inch to 3.5-inch format. $399.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

AE 3.5-inch Drive
A high-density 3.5-inch external disk drive compatible with all Amigas. Supports both standard 880K and high-density disks. Electronic disk ejection. Housed in a thick, high impact, Amiga-beige ABS case, and the drive incorporates the finest Sony drive mechanism available. 1 year warranty. $239.00
Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060

Air A1010
External 880K disk drive with on/off switch and pass-through. $199.00
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 752-2501

CA-880
Features pass-through, power disable switch, low power consumption, and 880K capacity. $229.95
California Access, 780 Montague #403, San Jose, CA 95131, (408) 378-0340

CA-880 3.5-inch Floppy Disk Drive
Small, quiet disk drive supports all Amiga models, formats 3.5 inch double-sided, double-density diskettes for up to 880K of storage. Fully compatible with A1010 disk drives. Only 1.12-inches high, low (1.5W) power consumption for read/write operation. Provides comprehensive protection for diskettes and includes high-precision stepper motor and low-friction steel belt for quiet operation. $229.95
California Access, 780 Montague #403, San Jose, CA 95131, (408) 378-0340

CA•880SL
The smallest external disk drive available for the Amiga! Measuring only 7.25 inch x 4 inch x .75 inch (lxwxh), the CA•880SL offers all the reliability and efficiency of the standard CA•880SL has a unbelievably small package. Fully compatible with the A1010 drives, the CA•880SL has a formatted capacity of 880K while consuming only

1.5 W for read/write operations. Includes pass through for daisy-chaining. What's more, there's no annoying 'clicking' sound when no disk is in the drive.
California Access, 780 Montague #403, San Jose, CA 95131, (408) 378-0340

CI Hard Pro 100
A 100 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. $1599.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

CI Hard Pro 1200
A 1200 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. $9999.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

CI Hard Pro 150
A 150 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. $2399.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

CI Hard Pro 180
A 180 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. $2599.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

CI Hard Pro 200
A 200 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. $2799.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

CI Hard Pro 20
A 20 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. $799.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

CI Hard Pro 300
A 300 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. $3899.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

CI Hard Pro 30
A 30 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. $899.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

CI Hard Pro 46
A 46 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. $999.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

CI Hard Pro 600
A 600 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. $5299.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

CI Hard Pro 60
A 60 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. $1199.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

CI Hard Pro 80
A 80 megabyte external hard disk drive. The drive comes pre-formatted with ten megabytes of public domain software on it. The drive also has a high-quality power control center. $1299.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

Enhanced TwinDrive
Two 3.5-inch external floppies in one slimline case. On/off switch for each drive. Silent when diskettes removed. Low power. Whisper quiet operation. 12-month warranty. Pass-through connector. LED track display indicators for read and write activity. Virus protection hardware installed. Features are switch-deselectable. $299.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702)359-0444
please see display ad page 151

Enhanced UniDrive
3.5-inch external floppy drive, on-off switch, low power consumption, whisper quiet operation, does not click when diskette is removed. 12-month warranty. Upgradable to Enhanced TwinDrive. Has LED track display for read and write activity. Has virus protection hardware installed. Features are switch-deselectable. Pass-through connector. $149.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702)359-0444
please see display ad page 151

Ext. 3.5-inch Drive
Introducing the new external 3.5 inch drive, fully compatible with the A500 and A2000. $125.00
Kinson Products Corporation, 484 Sunrise Highway, Rockville Centre, NY 11570, (800) 433-6224

Master-3A
100% Amiga-compatible, 3.5-inch disk drive. Extremely quiet operation, double-sided/double density 1 MB capacity. Durable metal case eliminates radio frequency interference and drive noise. Pass-through connector lets you easily add additional drives. 28 shielded input cable, spring loaded door, smaller slimmer design (4 x 1 1/4 x 9). Consumes less power. $134.00
Konyo International, Inc., 1073 North Batavia Street, Suite B, Orange, CA 92667, (800) 356-5178

Single Drive
Compact, low-wattage single external drive with pass-through and a 24-inch cable. $139.99
Comp-U-Save, 410 Maple Ave., Westbury, NY 11590, (800) 356-9997

The Master-3A
Significantly smaller and slimmer than the A1010, The Master 3A comes with a 27-inch cable and is covered by a 1-year warranty. Low power consumption and a pass-through allow daisy chaining of the drives. $159.00
Surfside Components Int., P. O. Box 1836, Capitola, CA 95010, (800) 548-9494

TwinDrive
Two 3.5-inch external floppies in one slimline case. On/off switch for each drive. Silent when diskettes removed. Low power. Whisper quiet operation. 12-month warranty. Pass-through connector. Upgradable to Enhanced TwinDrive. $269.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431. (702)359-0444
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UniDrive
3.5-inch external floppy drive, on-off switch, low power consumption, whisper quiet operation, does not click when diskette is removed. 12-month warranty. Upgradable to Enhanced UniDrive or TwinDrive. $99.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431. (702)359-0444
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DRIVES

• INTERNAL FLOPPY DRIVES •

A2010 3.5 Internal Floppy
3.5-inch horizontal floppy, no external power supply. Maximum transfer rate of 250 K/sec.; reads an entire track at one time; supports fast data transfer rates. MFW read/write format, 880K storage capacity, double-sided/double density; formatted in 160 tracks with eleven 512 byte sectors each. Power supplied by the A2000 computer system. $199.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Air A2010
Internal 880K disk drive for A2000 series. Includes instructions and mounting hardware. $150.00
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 752-2501

Dual 3.5 Drive
Includes power light, circuit breaker, more. Optional internal power supply. $345.00; with internal power supply, $395.00
Comp-U-Save, 410 Maple Ave., Westbury, NY 11590, (800) 356-9997

Internal 3.5 Disk Drive for A2000
Faster internal 3.5-inch drive. Dealer installation recommended. $149.95
Studio 7, 8401 W. 75th Street, Overland Park, KS 66204, (913) 649-0491

Internal A2000 Drive
Features the same high-quality Fujitsu drive as Unidrive. Also includes our proprietary no-click logic to prevent the annoying click that occurs when a diskette is removed. Other features include low power, A2000 size bezel and a limited 12-month warranty. $83.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702)359-0444
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• FLOPPY DRIVE ACCESSORIES •

ECE Alignment Kit
Aligns Amiga 3.5 disk drives. Uses Analog Alignment Disk. ECE program disk contains graphic representations of signals on the Alignment disk. Includes board and cable, manual, more. Uses mouse or keyboard. (Function key template included.) $175.00
Amazing Computers, 1441 E. Fletcher Ave. Ste. 1450. Tampa, FL 33612, (813) 977-6511

• HARD DRIVES •

ESDI Model 1350
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1350. Capacity 85-170 MB 23 m/sec. $1490.00-$1690.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

ESDI Model 1558-15
Compatible with the Commodore, host/controller, C-LTD host/controller, and others. Model 1558-15. Capacity 382 MB, 18 m/sec. $2820.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

ESDI Model 1650
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1650. Capacity 104-182 MB, 16 m/sec. $1695.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

Maxtor LXT-200S/AT
A Maxtor 3.5-inch hard drive, 200MB. Call for price.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Quantum 100S
A Quantum Prodrive, 100 MB, AT-type drive. 19/11ms. $1199.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Quantum 40S/40AT
A Quantum Prodrive, 40 MB, AT-type drive. 19/11ms. $599.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Quantum 80S/80AT
A Quantum Prodrive, 80 MB, AT-type drive. 19/11ms. $1049.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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SCSI Model 1370
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1370. Capacity 85-170MB, 23 m/sec. $1670.00-$1875.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

SCSI Model 1578-15
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1578-15. Capacity 382 MB, 18 m/sec $2820.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

SCSI Model 1670
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1670. Capacity 104-182 MB, 16 m/sec. $1695.00
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

SD 20
20 MB hard disk drive for the Amiga. $1,399 Canadian
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SD 40
40 MB hard disk drive for the Amiga. $1,765 Canadian
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SD 60
60 MB hard disk drive for the Amiga. $1,825 Canadian
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SSD 20
An external hard drive subsystem utilizing the SSD chassis, and a 20 MB 5.25 half height drive featuring 65 m/sec. average access time. Shipped with all necessary cables, fully formatted and tested. SCSI host adaptor required (SA500, SA1000, or SA2000 recommended). $1437.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SSD 40
An external hard drive subsystem utilizing the SSD chassis, and a 40MB 5.25 half height drive featuring 65 m/sec. average access time. Shipped with all necessary cables, fully formatted and tested. SCSI host adaptor required (SA500, SA1000, or SA2000 recommended). $1735.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

ST-506 Model 1320
Compatible with the Commodore host/controller, C-LTD host/controller, and others. Model 1320. Capacity 42-85 MB, 28 m/sec. $799.00-$1180.00.
Micropolis Corporation, 21211 Nordhoff Street, Chatsworth, CA 91311, (818) 718-5555

ST125N-0
An ST125N 3.5-inch hard drive. 20 MB/40ms. $395.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

IT MAKES A LOT OF SENSE TO BUY A MAST PRODUCT

- **INTERNATIONAL AMIGA PERIPHERAL SUPPLIER** • USA • GERMANY • AUSTRALIA • SWEDEN • UK • AUSTRIA
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- **PERFORMANCE QUALITY PRODUCTS** - We use **PREMIUM COMPONENTS** (FUJITSU Drives for example), **INNOVATIVE DESIGNS** (who else has a SCSI INTERFACE with its own 68000 AND UP TO 2 MEG OF RAM), and some ot the most **ELEGANT**, not to mention smallest, external cases that you will see in the industry. Cost effective designs, efficient mass production , and our worldwide resources, bring you high performance products at budget prices. As our President answered to one customer who asked how we do it - **"we're clever and we are not greedy"**

BLITZ BASIC

GIVES YOU CONTROL OVER YOUR AMIGA HARDWARE

CREATE YOUR OWN GAMES, GRAPHICS PRESENTATIONS, AND EDUCATIONAL PROGRAMS WITH MINIMAL PROGRAMMING EXPERIENCE

IT'S NEW, ITS ULTRAFAST, IT'S EASY TO USE

Blitz Basic puts you in control of the Amigas custom sound and graphics chips. **Now you can write sophisticated programs** that previously needed 'C' or Assembler. Blitz is a fully integrated programming language that puts you in control of your Amiga. Unlike s-l-o-w interpreters, Blitz is a true compiler that generates native object code.

Spectacular graphics can be generated with a minimum of commands using the custom chip specific commands included with Blitz. This Basic language enables you to produce QUALITY COMMERCIAL CODE.

$149

FEATURES:

- **Lightning Fast** Compiler
- Fast Optimised Object Code
- Rewrite of Amiga Graphics Libraries
- Integrated Editor/Compiler
- Special Effects such as **FADE IN/ FADE OUT**
- Basic Commands to handle IFF Brushes, Anim Brushes and Sound Files
- Direct access to and control of Sprites, Blitter and Audio Hardware
- Supports Dual Playfield, HAM & EHB
- **Queue system** makes blits easy to use
- Number of screens only limited by memory
- Vertical Interupt command allows smooth animation
- Double Buffering, Page Flipping are easily achieved
- **Sound Sequencer** included
- **Machine Language** Subroutines can be added

IMPORTANT NOTE - When you see the demo of **VECTOR BALLS**, remember that the images are being **CALCULATED IN REAL TIME**. This program alone should convince you of the **POWER OF BLITZ**. The source listing will convince you of its **SIMPLICITY**

Demo disks are available for $5. You may also load them off the MAST BBS (702) 359 0132 or (702) 359 0137

FIREBALL - True DMA SCSI interface for the A2000, for sustained performance in a multitasking computer $149

OCTOPLUS - 8 MB RAM for A2000 With 2Mb $269 Extra 2mb $119 GREAT VALUE!.

FANTASTICALLY FANTABULOUS

What else could describe a produduct that amazed visitors to our booth at the LA Ami Expo

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STARBLAZER

8 MB RAM & SCSI INTERFACE FOR A500 AND A1000

While many vendors want you to buy a hard drive before memory (because their memory expansions are inside the drive unit), we believe that many customers need memory first. Additionally many people don't want a bulky hard drive right beside the computer, our customers prefer the flexibility offered by an independant external drive that can be placed at a convenient location and even plugged into a different SCSI interface on another computer. Starblazer is an 8 MB memory and SCSI interface in a miniscule case only slightly larger than our very popular Minimegs. It is available populated to 2,4,6,8 megabytes, with or without the SCSI interface installed. **STARBLAZER is real zero wait state ram** that lets your Amiga run at full speed. Don't be misled into buying memory that plugs into the A501 slot and is advertised as "fast ram", it is always slow old chip memory. **Starblazer** includes the MAST **Bytemachine** SCSI Interface. Starblazer Plus includes **WordMASTer** - a SCSI interface that uses a 16 bit interface for high performance. When you need a hard drive, just plug **Tiny Tiger** into the Bytemachine or WordMASTer interface - it **autoboots, automounts** and is **very fast. Starblazer with 2 MB included from $299. Call for pricing options.**

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The only Amiga external floppy drive in the world that includes **digital track display**, hardware **write protect switch** and inbuilt **hardware virus detection** system - for only **$149** why would you want to buy any other. PS. The box looks great.

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20 megabyte fast DMA internal hard drive. $595.00
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CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

DHA-80
80 megabyte fast DMA internal hard drive. $1095.00
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FileRunner™ Card 30 Meg
An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. 30 meg RLL. $520.00
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Internal SCSI changeable subsystem for any Amiga with SCSI controller (A520). Fits neatly under the monitor. 28ms/44meg
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The Fireball transfers data at above 650K bytes per second sustained. The superfast transfer rates are independent of the number of tasks operating, which is impossible all non-DMA controllers. While Fireball is moving data to and from the hard disk at high speed, the CPU is given plenty of bandwidth to continue multitasking. Fireball automatically slows down when accessing CHIP RAM, to prevent any problems with overscan. It is also compatible with the SYQUEST removable drive. Available in 20MB, 45MB, 90MB, 105MB, 136MB, and 182MB and the prices range from $549.00 to $1,199.00. The Fireball DMA SCSI is priced at $149.00. $149.00
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Hard Drive 20Mb+
Hard drives for the Amiga with memory expansion slot. 20MB and up. 20MB with expansion. $695.00
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Tiny Tiger II
The Tiny Tiger II is the only fully portable hard drive system on the Amiga market. It plugs into the parallel port, using M.A.S.T.'s unique parallel port SCSI interface in a cable. This gives the user the flexibility to use either the parallel port, or any standard bus-based SCSI controller on the market. Tiny Tiger II may be used STANDALONE, or DAISY-CHAINED TO EXISTING SYSTEMS. By building the SCSI controller outside of the base unit, the Tiny Tiger II is also able to be used on the Mac and IBM. Available in 20MB, 45MB,90MB, 105MB, and 136MB to 182MB. prices range from $499.00 to $1299.00.
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Tiny Tiger II 136 Meg
External 136 meg hard drive for the entire Amiga family. Connected via the parallel interface, this drive offers a transfer rate of 500K per second. Every drive is shipped with Ultra DOS™ by Free Spirit Software, Inc.. 18-month warranty. $1149.00
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External 182 meg hard drive for the entire Amiga family. Connected via the parallel interface, this drive offers a transfer rate of 500K per second. Every drive is shipped with Ultra DOS™ by Free Spirit Software, Inc.. 18-month warranty. $1339.00
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Tiny Tiger II 45 Meg
External 45 meg hard drive for the entire Amiga family. Connected via the parallel interface, this drive offers a transfer rate of 500K per second. Every drive is shipped with Ultra DOS™ by Free Spirit Software, Inc.. 18-month warranty. $679.00
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ToolBox 32MB
Hard drive uses the ToolBox A2000 hard drive interface with ST138N Seagate drive. $749.95
Expansion Systems, 44862 Osgood, Fremont, CA 94539, (415) 656-2890

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FastTrak Q80 A500
This system is the same as Q40 except drive is a Quantum ProDrive 80S with 19 ms access and 84 Meg formatted capacity plus 64K cache buffer. For the A500. Order #FT5-080 $1499.95
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External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a flat case which fits under the monitor. Each case can accommodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). 82meg: $1415.00, Autoboot:$1505.00
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External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a flat case which fits under the monitor. Each case can accommodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500). 32 meg: $678.00, Autoboot:$768.00
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External hard drive systems for use with the Amiga 500 or 1000. System comes complete and assembled in a heavy-duty case with fan. The fan allows the system to run for months without interruption. Each case can accommodate a second drive for future expansion and the unit comes with a power supply large enough for the second drive. Available with and without autoboot (only for A500).42 meg: $740.00, Autoboot.
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An internal hard drive system for the A2XXX family. Each system comes complete with a 3.5 inch hard drive and controller. Can control up to 6 additional SCSI drives. Autobooting. 40meg SCSI (Quantum drive). $650.00
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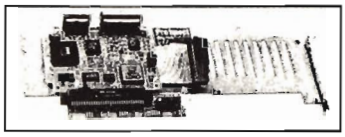

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DRIVES

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Fireball 90meg
A2000 SCSI Controller. True DMA. Burst mode, shared mode, throttle mode, high-speed sustained data transfer rates. Autoboot may be switch deselected. Compatible with overscan mode. 90MB Hard Drive is super fast and has 64K RAM cache. Optional 1 to 5 year warranty. $748.00
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Hard disk for the A500, includes SCSI host/controller, 20MB hard drive. Supports up to 14 drives. Optional 2MB RAM expansion available. Supports auto-boot, fast filing system, and includes hard disk utilities including partition and backup programs. $749.95
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Impact A2000-HC/100Q
Amiga 2000 Hard-Card 100Q is an autobooting, DMA controller, SCSI hard card. Comes with 100 MB Quantum SCSI (19/11ms avg. access) drive premounted on card. $1199.00
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Impact A2000-HC/40Q
Amiga 2000 Hard-Card 40Q is an autobooting, DMA controller, SCSI hard card. Comes with 40 MB Quantum SCSI (19/11ms avg. access) drive premounted on card. $749.00
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OverDrive 47
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OverDrive 82
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Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Supra Drive for A500
Hard disk drive includes complete utility software for formatting drive and editing low-level system info., SCSI expansion port, Amiga bus pass-through, RAM expansion, autoboot ROM, and CLImate. Autoboots from FFS partitions. Compatible with RAM, digitizers, and most boards. Supports up to 30 partitions. Includes Supra SCSI interface with ByteSync™ and a clear, thorough manual of hard disk hints and tips. 20MB, $499.00; 30MB, $699.00; 40MB Quantum, $899.00; 60MB, $995.00; 80MB Quantum, $1149.00.
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Custom hard disk drive for A500, includes host/controller, custom installation, and checkout of a customer requested hard drive. Supports up to 14 drives. Optional 1 MB RAM expansion available. Supports autoboot, fast filing system, and includes hard disk. Price determined by size.
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Impact A2000-8/0 ST138N bundle
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Impact A2000-HC2-0/100Q
The Impact Hard Card Plus 0/100Q consists of a SCSI autoboot hard drive controller card with an 100 MB Quantum (19/11ms), 3.5 inch drive mounted directly on the card. The card can also be configured for up to 2 meg of standard 16-bit fast RAM memory. Comes with 0K. $1299.00
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Impact A2000-HC2-0/20
The Impact Hard Card Plus 0/20 consists of a SCSI autoboot hard drive controller card with a 20 MB, 3.5 inch drive mounted directly on the card. The card can also be configured for up to 2 meg of standard 16-bit fast RAM memory. Comes with 0K. $659.00
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Impact A2000-HC2-0/30
The Impact Hard Card Plus 0/30 consists of a SCSI autoboot hard drive controller card with a 30 MB,3.5 inch drive mounted directly on the card. The card can also be configured for up to 2 meg of standard 16-bit fast RAM memory. Comes with 0K. $739.00
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Impact A2000-HC2-0/40Q
The Impact Hard Card Plus 0/40Q consists of a SCSI autoboot hard drive controller card with a 40 MB Quantum (19/11ms), 3.5 inch drive mounted directly on the card. The card can also be configured for up to 2 meg of standard 16-bit fast RAM memory. Comes with 0K. $829.00
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Impact A2000-HC2-0/45
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Impact A2000-HC2-0/80Q
The Impact Hard Card Plus 0/80Q consists of a SCSI autoboot hard drive controller card with an 80 MB Quantum (19/11ms), 3.5 inch drive mounted directly on the card. The card can also be configured for up to 2 meg of standard 16-bit fast RAM memory. Comes with 0K. $1199.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Impact A3001-4MB/40Q
This money-saving bundle includes the 28MHz 68030 board with a 28MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller, and a 40MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. Upgrade from 25/28MHz to 33MHz is $799.00, 33MHz to 50MHz is $999.00, and 25/28MHz to 50MHz is $1799.00. $2799.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A3001-4MB/80Q
This money-saving bundle includes the 28MHz 68030 board with a 28MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller, and an 80MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. Upgrade from 25/28MHz to 33MHz is $799.00, 33MHz to 50MHz is $999.00, and 25/28MHz to 50MHz is $1799.00. $3199.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Impact A3033-4MB/0
This money-saving bundle includes the 28MHz 68030 board with a 33MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus), and an autobooting SCSI hard drive controller. Uses nibble-mode SIMMs. Upgrade from 25/28MHz to 33MHz is $799.00, 33MHz to 50MHz is $999.00, and 25/28MHz to 50MHz is $1799.00. $3199.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A3033-4MB/40Q
This money-saving bundle includes the 28MHz 68030 board with a 33MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller, and a 40MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. Upgrade from 25/28MHz to 33MHz is $799.00, 33MHz to 50MHz is $999.00, and 25/28MHz to 50MHz is $1799.00. $3699.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A3033-4MB/80Q
This money-saving bundle includes the 28MHz 68030 board with a 33MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller, and an 80MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. Upgrade from 25/28MHz to 33MHz is $799.00, 33MHz to 50MHz is $999.00, and 25/28MHz to 50MHz is $1799.00. $3999.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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DRIVES

Impact A3050-4MB/0
This money-saving bundle includes the 28MHz 68030 board with a 50MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus), and an autobooting SCSI hard drive controller. Uses nibble-mode SIMMs. Upgrade from 25/28MHz to 33MHz is $799.00. 33MHz to 50MHz is $999.00, and 25/28MHz to 50MHz is $1799.00. $4399.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A3050-4MB/40Q
This money-saving bundle includes the 28MHz 68030 board with a 50MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller, and a 40MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. Upgrade from 25/28MHz to 33MHz is $799.00, 33MHz to 50MHz is $999.00, and 25/28MHz to 50MHz is $1799.00. $4899.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A3050-4MB/80Q
This money-saving bundle includes the 28MHz 68030 board with a 50MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller, and an 80MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. Upgrade from 25/28MHz to 33MHz is $799.00, 33MHz to 50MHz is $999.00, and 25/28MHz to 50MHz is $1799.00. $5199.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A500-HD100Q/RAM
The Impact A500+ hard drive/RAM add-on systems includes a GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4 meg RAM. Comes with 0K. The A500 HD100Q/RAM comes with a 100 MB Quantum drive. $1549.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Impact A500-HD20M/RAM
The Impact A500+ hard drive/RAM add-on systems includes a GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4 meg RAM. Comes with 0K. The A500 HD20M/RAM comes with a 20 MB drive. $699.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Impact A500-HD30M/RAM
The Impact A500+ hard drive/RAM add-on systems includes a GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4 meg RAM. Comes with 0K. The A500 HD30M/RAM comes with a 30 MB drive. $799.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Impact A500-HD40Q/RAM
The Impact A500+ hard drive/RAM add-on systems includes a GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4 meg RAM. Comes with 0K. The A500 HD40Q/RAM comes with a 40 MB Quantum drive. $999.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Impact A500-HD45M/RAM
The Impact A500+ hard drive/RAM add-on systems includes a GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4 meg RAM. Comes with 0K. The A500 HD45M/RAM comes with a 45 MB drive. $925.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Impact A500-HD80Q/RAM
The Impact A500+ hard drive/RAM add-on systems includes a GVP external hard drive chassis, power supply, fan, autobooting SCSI controller, drive, and expansion sockets for up to 4 meg RAM. Comes with 0K. The A500 HD80Q/RAM comes with a 80 MB Quantum drive. $1349.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

• HARD DRIVE CONTROLLERS •

Kronos Hard Disk Controller for A2000, A1000, and A500
Fastest hard disk controller available from manufacturer features: 16 bit operation, static RAM caching, autobooting, superior data integrity, and 1 year parts and labor. Distributed by Southern Technology.
Micro-Dyn Inc., 2011 S. Washington, Wichita, KS 67214, (316) 265-2661

• HARD DRIVE CONTROLLERS W/AUTOBOOT •

A2090A Hard Disk Controller
Provides the interface between the A2000 and 2 ST506 compatible hard disks and up to 7 SCSI compatible disk devices. High-level command interpretation and exceptional handling. Mac Plus hard disk compatible: full autoconfig capability; full size Amiga card; connectors for 2 ST506-compatible hard disks. $399.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

ALF3-SCSI
SCSI System for to use with A2000, A2500, and A3000. Real multitasking. Disconnect and reconnect. Backup software, switchable for to use any fast or slow unit. Data transfer rate without accelerator about 1000 K/Byte sec.
Prespect Technics Inc., P.O. Box 670 Station H. Montreal, Quebec, Canada H3G 2M6, (514) 954-1483
please see display ad page 153

Autoboot 2000
Autoboot hard disk controller for the 2000, uses up to two ST-506 hard disks. Directly boots from any FFS partition. Price depends on drive.
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Autralia 5035, 011-61-8-293-8752

FastCard less hard drive
Same features as FastCard Jr. except no drive is included. Order #FC20-000 Xetec, Inc. $199.95
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

FastTrak System less hard drive
Same system as FastTrak Jr. with less drive. For the A500. Order #FT5-000 $399.95
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

Fireball
A2000 SCSI controller. True DMA. May be switch-disabled. Burst mode, shared mode, and throttle mode. High-speed sustained data transfer rates. Autoboot. Compatible with overscan mode. Autoboot may be switch-disabled. 12-month warranty. $149.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702)359-0444
please see display ad page 151

HDA506-5 and HDA506-1
Interfaces A500 or A1000 86-pin expansion port to ST-506 hard drives (IBM standard). Complete driveless system includes interface and ST-506 controller (MFM or RLL) in chassis with passtru plus fan-cooled dual hard drives chassis with power supply and all connectors. Optional autoboot kit. $299.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

HardFrame/2000
High-end SCSI interface supports up to 7 devices and operates at bus speeds. Cable pinouts de-

signed for compatibility with standard SCSI hard drives. Features word length data transfer, FIFO buffering, true DMA, and is mounted on a metal frame. Autobooting; automounting; does NOT require old file system partition; autoloads driver into RAM for fast operation. Works with overscan. $329.00 with metal frame, $299.00 without metal frame.
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

Impact A3001-4MB/0
This money-saving bundle includes the 28MHz 68030 board with a 28MHz 68882 floating-point math coprocessor, 4meg of 32-bit wide RAM (connected directly via a 32-bit bus), and an autobooting SCSI hard drive controller. Uses nibble-mode SIMMs. Upgrade from 25/28MHz to 33MHz is $799.00, 33MHz to 50MHz is $999.00, and 25/28MHz to 50MHz is $1799.00. $2299.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

OverDrive
Autoboot DMA (Direct Memory Access) SCSI hard card. 3.5 drives can be mounted directly on the card, in the drive bay, or externally. 5.25 drives can be mounted in the drive bay or externally. Up to 7 devices may be attached. Automatic installation software provided. All cables and mounting hardware included. Includes everything but drive. $149.00
Pacific Peripherals, P. O. Box 14575, Fremont, CA 94539

SA-10 Host Adaptor
SCSI host adaptor for the A-100 features Xetec's high-performance DMAX™ hardware, autoboot ROM, autoconfig circuitry, and system bus passthrough. FastRAM expansion connectors. Macintosh-compatible 25-pin SCSI connector, provision for +5v from SH-series enclosures, and low-profile steel enclosure. Also included is a FastTrak disk with utilities, 25-pin shielded SCSI cable, manual, and 25-pin to 50-pin SCSI adaptor board. $249.95
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

SA-5 Host Adaptor
SCSI host adaptor for the A-500 features Xetec's high-performance DMAx™ hardware, autoboot ROM, autoconfig circuitry, and system bus passthrough. FastRAM expansion connectors. Macintosh-compatible 25-pin SCSI connector, provision for +5v from SH-series enclosures, and low-profile steel enclosure. Also included is a FastTrak disk with utilities, 25-pin shielded SCSI cable, manual, and 25-pin to 50-pin SCSI adaptor board. $249.95
Xetec, Inc., 2804 Arnold Road, Salina, KS 67401, (913) 827-0685

SA1000 SCSI Host Adaptor
The SA1000 provides a fast and easy-to-use method of connecting SCSI peripherals to the A1000. Up to 7 SCSI devices may be connected including fixed hard drives, Bernoulli and SyQuest removable-media drives, tape backup units, and even large capacity optical drives. Full autoconfig compatibility; battery backed-up clock; handles SCSI arbitration; true removable media handling; and automatic defect management. Comes complete with full system management tools with a user-friendly Workbench interface. The SA1000 provides the ability to load Kickstart from hard disk image, then boot Workbench from floppy or hard disk. No modifications to the A1000 needed. $389.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SA2000 SCSI Host Adaptor
The SA2000 provides a fast and easy-to-use method of connecting SCSI peripherals to the A2000. Up to 7 SCSI devices may be connected including fixed hard drives, Bernoulli and SyQuest removable media drives, tape backup units, and even large capacity optical drives. Full autoconfig compatibility; handles SCSI arbitration; true removable media handling; and automatic defect management. Comes complete with full system management tools with a user-friendly Workbench interface. Also capable of being used as a filecard. $215.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SA500 SCSI Host Adaptor
The SA500 provides a fast and easy-to-use method of connecting SCSI peripherals to the A500. Up to 7 SCSI devices may be connected including fixed hard drives, Bernoulli and SyQuest removable media drives, tape backup units, and even large capacity optical drives. Full autoconfig compatibility; handles SCSI arbitration; true removable media handling; automatic defect management. Comes complete with full system management tools with a user-friendly Workbench interface. $259.99
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SCSI Host 2000
SCSI controller for the A2000 features auto-configuration, auto-boot from hard disk, supports Fast Filing System, and includes software. 3.5 inch slimline hard drive can be mounted on the board. $179.95
Synergy Peripheral Systems, 5638 Allen Ave. Suite #3, San Jose, CA 95123, (408) 972-2434

SCSI Interface Card
Comes complete with CSA's own Direct Memory Access (DMA) software. Uses faster access capability of CSA's 20, 40, and 80 MB hard drives. Interfaces to Bernoulli Box with removable 20 MB hard drive cartridges, CSA tape streaming backup systems, and WORM optical drives. $595.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

SCSI-1035
SCSI interface controller card. $595.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

Slot machine for A2000
Plug-in ST-506 hard drive interface (IBM standard). Complete driveless 'hard card' system includes interface and ST-506 controller (MFM or RLL), internal mounting rail, hard drive cable set, and autoboot. $199.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

StarDrive Module
An alternative to the MultiFunction module. Pseudo-DMA access to Macintosh-compatible SCSI drives and other third-party SCSI devices. Fast, easy to install including driver software and disk diagnostics. Also includes battery-backed clock to set your system time on boot-up. $129.95
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

Supra SCSI Interface
SCSI interface board with ByteSync™ technology allows a hard disk to be connected to A500's. Includes software, RAM expansion capability, and thorough instruction. $199.95
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Supra SCSI Interface
SCSI interface board allows hard disks to be connected to A1000's. Includes software, clock, and thorough instruction. $249.95
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

ToolBox Hard Drive Interface
This A2000 hard drive interface features SCSI, DMA, autoboot, DB25 expansion connector (for other SCSI devices), and is 100% Amiga compatible. Mount your 3.5 inch hard drive right on the card, all cables included. Guaranteed compatibility in the ToolBox. Performance information available. $229.95
Expansion Systems, 44862 Osgood, Fremont, CA 94539, (415) 656-2890

Trumpcard
Loads DPaint II in 1.4 seconds, identical speed as DMA to cache type controllers costing hundreds more. Exclusive IVS SMARTBOOT autoboots all drives (including Seagate) from cold start. Up to

DRIVES

7 SCSI drives can be daisy chained to one Trumpcard. Full support of Logical Units with Adaptec controllers. Supports all Quantum, Seagate, and Miniscribe drives. User-customizable driver supports virtually any SCSI hard disk drive. The list includes over 15 devices and is growing. Half length card takes only 1/2 slot. Optional brackets mount 3.5 drives to card. Exclusive IVS checklist configuration software makes hard drive setup a breeze. 2ft.50-pin SCSI cable included with every Trumpcard. Also, every Trumpcard shipped includes support for SyQuest removable media drive. Full 1 year warranty, parts, and labor. $169.95
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040
please see display ad pages 16 & 17

Trumpcard 500
HC Trumpcard 500 HC autoboots directly to FFS partitions if desired. Automatic detection of volume change on Syquest removeable media drives is included at no charge. Half length card uses 256K x 8 or 1MB x 8 SIMMs for 512K, 1MB, 2MB, or 4MB of RAM. Upwardly compatible with the 2000. Also, every Trumpcard shipped includes support for SyQuest removable media drives at no extra charge. $269.95
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040
please see display ad pages 16 & 17

Trumpcard Professional
Trumpcard Pro is simply the fastest SCSI disk controller make for the Amiga. With the new generation drives and CBM2630 card, Trumpcard Pro gets DPERF2 times in excess of 1.9 megabytes per second! Trumpcard Pro is a complete package: hard disk mounting brackets are included along with all power and interface cables. Trumpcard Pro is shipped with AVS' new TCUTILS 2.0, a completely revised version of Trumpcard disk configuration software. $279.95
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040
please see display ad pages 16 & 17

WordSync Interface for A2000
Hard disk interface for A2000 can be mounted as hard card or used in other configurations. Revolutionary design introduced in July '89 allows super smooth video, sound, and with no rude interruptions for hard drive access. Includes everything that comes with A2000 Supra Drive except hard disk. Autoboots from FFS partition. $199.95
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

• HARD DRIVE CONTROLLERS W/AUTOBOOT & EXPANSION MEMORY •

A2091
The A2091 is a high-performance autobooting hard disk controller and memory expansion board. The device can be fitted with 2 MB of memory and provides improved SCSI capabilities. Additionally, the controller provides space for mounting a 3.5-inch hard disk. $399.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Impact A2000-8/0
For the Amiga 2XXX series. An autobooting SCSI/RAM controller—can control up to 7 SCSI devices. Comes with 0K, can be configured up to 8K RAM (1MB x 8 SIMM modules 120ns). $399.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Impact A2000-HC2-0/0
The Impact Hard Card Plus Series consists of a SCSI autoboot hard drive controller card which allows mounting of a 3.5 inch drive directly on the card. The card can also be configured for up to 2 meg of standard 16-bit fast RAM memory. Comes with 0K. $399.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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• HARD DRIVE KITS •

Escort Hard Drive Kit
Only item missing is the drive. Add your own 3.5 SCSI drive to the chassis (contains fan and power supply) and you have a complete hard drive system. Comes complete with EZ Format software, park programs, interface, cables, and manual. $229.95
Expansion Systems, 44862 Osgood, Fremont, CA 94539, (415) 656-2890

Hard Disk-CR (kit)
Hard disk kit for A500 includes SCSI host/controller, hard disk enclosure, power supply, cables, and software. User supplies an embedded SCSI, 3.5 inch, and Seagate drive to create low-cost A500 hard disk system. Optional 2MB RAM expansion available. Supports auto-boot, Fast Filing System, and includes hard disk utilities including partition and back-up programs. $319.95
Synergy Peripheral Systems, 5638 Allen Ave. Suite #3, San Jose, CA 95123, (408) 972-2434

-MAX-125™ Autoboot Adapter Board
Works with many 8 and 16 bit XT and AT, ST506/412 & ESDI controllers, virtually all hard drives of these interface types.
Palomax, Inc., 424 Moreboro Road, Hatboro, PA 19040, (215) 672-6815

• HARD DRIVE ACCESSORIES •

ARM-1000
The ARM-1000 is a pass-through device which can be fitted with both 1.3 and 2.0 KickStart ROMs allowing Amiga 1000 owners to boot under either operating systems. Additionally, with a simple hardware modification, users can also gain and extra 256K of system RAM that would otherwise be unavailable. One-year warranty.
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Drive Enable Switchbox
Small outboard unit which lets you selectively disable any external drive. AUS $35
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Autralia 5035, 011-61-8-293-8752

Drive Swap Switch
Small internal board which allows booting from first external drive. Separate product for 500/1000 and 2000. AUS $30
Phoenix Microtechnologies Pty Ltd. 18 Hampton Road, Keswich, South Autralia 5035, 011-61-8-293-8752

EPROMS-ADV
GVP Advanced Autoboot EPROM kit with Autoboot EPROM and removable media support. $150.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Parallel Port SCSI Adaptor
Device converts printer port to high-speed SCSI port. Printer is passed through transparently. Cost-effective and Plugs into all models of the Amiga. No compatibility worries. Forms a great portable hard drive and SCSI device system when used with Tiny Tiger. 12-month warranty. Can be used on Macintosh and IBM. $99.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702)359-0444
please see display ad page 151

Quarterback Tools
Maximizes the speed and reliability of your Amiga hard disks and floppy disks by repositioning your

files to optimum locations on the disk, eliminating file fragmentation, and consolidating disk free space, achieving the fastest possible disk performance. QUARTERBACK TOOLS recovers deleted files easily and safely and 'unformats' disks you formatted by mistake. It searches the entire disk for errors, marks bad areas 'out of service', and identifies affected files. QUARTERBACK TOOLS will be released in September, 1990. You may purchase QUARTERBACK TOOLS for only $89.95 plus $3.00 for shipping and handling.
Central Coast Software, 424 Vista Avenue, Golden, CO 80401, (303) 526-1030

SA SCSI Adaptor WB1.3 Upgrade Kit
As with Commodore's release of the AmigaDOS 1.3 Enhancer, Comspec has continued support of the Amiga family of products with the SA SCSI adaptor WB1.3 Upgrade Kit. This kit enhances the SA1000 with a new version of the firmware and software that gives you new features such as: partitioning, FFS support, high-capacity removable media, and a custom partition. The kit includes new firmware, software, and full instructions. Allows the SA1000 to Autoboot procedure. This method allows the user to boot from a floppy disk placed in drive DF0: without having to toggle any switches as in Comspec's propriety method. $39.95
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SCSI-HC/3
Three-inch SCSI hardcard cable. $20.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

SCSI-HC/3/17
Two-drive hardcard cable with 3 and 17-inch connectors. $30.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

SCSI-STD 17/12
Standard 2-drive cable (12 and 17-inch). $35.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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SCSI-STD/17
Standard 17-inch hard drive cable. $26.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

SCSI-STD/17/14/12
Standard 3-drive cable (17-,14-and 12-inch) $49.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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• OPTICAL DRIVES •

Magnum/650™
The latest in optical storage technology from Sony. Removes all pratical limits on disk storage, by producing up to 650MB of storage on a secure removable disk cartridge. Comes with complete driver support, utilities, diagnostic, cables, and one piece of media. Requires compatible SCSI controller. $4995.00
Active Circuits, Inc., 1985 Highway 34 A-4, Wall, NJ 07719, (201) 974-1616

OptiStar 600™
OptiStar 600™ is a 600 megabyte erasable optical drive. The drives come pre-formatted and have ten megabytes of public domain software on them. The OptiStar 600™ also has a power control unit. $4899.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

Ricoh RO-5030E
Ricoh RO-5030E 5 1/4-inch disk drive provides speedy data access in only 71 milliseconds and offers 594 megabytes of fully rewritable storage on a removable, two-sided magnetic-optional disk. Its sustained data transfer rate is up to 100 kilobytes per second for recording and up to 300 for reading, and has been incorporated into MS-DOS, and IBM OS/2-compatible systems. Uses highly reliable constant angular velocity (CAV) tracking, yielding an outstanding error rate of about one in every 10-12 bits read. Cartridge sold separately for 250.00. 3,800.00
Ricoh Corporation, Five Dedrick Place, West Caldwell, NJ 07006, (201) 882-2000

WORM-800
800 megabyte optical laser disk drive. $5995.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121. (619) 566-3911

XY600RW
The high density drive is accessed via a Amiga 2090 or 2090A SCSI interface board. The Amiga can be booted directly from the optical drive. The software supports AmigaDOS 1.3. Each 5 1/4 inch industry standard ISO format cartridge stores up to 600 megabytes of information. The cartridge can be erased more than 1,000,000 times. It can also be removed from the drive for security or portability. $5245.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

• REMOVABLE MEDIA •

Fireball 30meg
A hard drive on a card, for the A2000, features SCSI interface, and drive, True DMA, and autoboot. Fireball is very fast, low cost and allows 50-pin SCSI pass-through. $698.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702)359-0444
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Impact A2000-8/0 SQ44/44 bundle
For the Amiga 2XXX series. An autobooting SCSI/RAM controller—can control up to 7 SCSI devices. Comes with 0K, and can be configured up to 8K RAM (1MB x 8 SIMM modules 120ns). Comes bundled with a Syquest Removable Media hard drive. Includes one cartridge and GVP Advanced Autoboot Eprom Kit. $1399.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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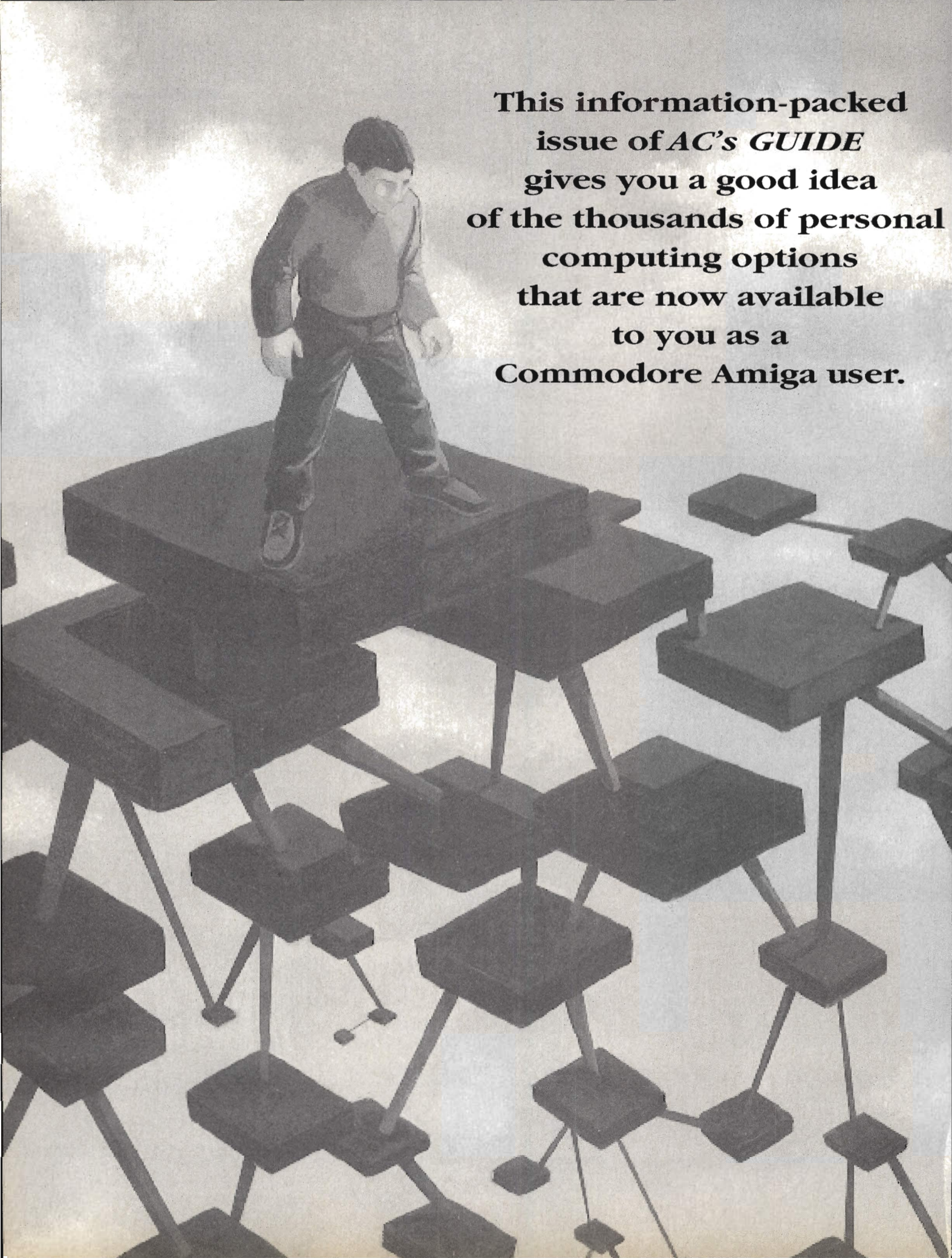
Impact SQ400
44 MB Removable cartridges for the Syquest/ GVP system. $140.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Impact SQ44
The Impact SQ44 system comes with a Syquest 44MB Removable media hard drive. The system includes the GVP Advanced Autoboot EPROM kit w/ removable media support. Cartridges available separately. $999.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Infinit40/i
The Infinit40/i is a removable media drive subsystem for the A2000 and A500 computers which provides Amiga users with the convenience of 40 megabyte cartridges and the speed of a hard disk drive. This program is ideal for animators, graphic artists, and others who need to categorize mass storage on a project or client basis and for whom a finite storage capacity does not meet their needs. The Infinit40/i is the internal version, which includes a Trumpcard SCSI disk controller, SyQuest drive assembly, two preformatted 40MB cartridges, and all necessary software and cables. Price with Trumpard $1049.95 or with Trumpcard PRO $1149.95.
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040
please see display ad pages 16 & 17

Infinit40D
For those Amiga users desiring additional storage in an external housing IVS offers the Infinit40D, a double height version of the chassis that accommodates an additional half height 5.25 or 3.5 hard drive or a second SyQuest drive mechanism. The Infinit40D power supply capacity is increased to 60 watts to handle the extra load. $1269.95
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040
please see display ad pages 16 & 17

Infinit40S
The Infinit40S is the external version of the Infinit40 series, which houses the SyQuest drive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DRIVES

assembly in a low profile aluminum housing and includes an internal 40 watt switching power supply that automatically senses line voltage and switches between 110/60Hz and 220/50Hz for use anywhere in the world. This package has an externally accessible SCSI device ID switch to allow selection of any SCSI device ID without opening the unit. It also includes 2 40MB preformatted cartridges and all software and cables for a total storage solution. $1099.95
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040
please see display ad pages 16 & 17

SD B20
The SD B20 is an external removable media subsystem utilizing the SD chassis and a 20 MB 5.25 half height Bernoulli drive featuring 38 m/sec. average access time. One pre-formatted cartridge and drive cleaning kit included. Shipped with all necessary cables and fully tested. SCSI host adaptor required. (SA500, SA1000, or SA2000 recommended) $2499.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SD B44
The SD B44 is an external removable media subsystem utilizing the SD chassis and a 40 MB 5.25 half height Bernoulli drive featuring 33 m/sec. average access time, built-in 32K cache buffer for improved performance. One pre-formatted cartridge and drive cleaning kit included. Shipped with all necessary cables and fully tested. SCSI host adaptor required. (SA500, SA1000, or SA2000 recommended) $2649.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SSD B20
The SSD B20 is an external removable media subsystem utilizing the SSD chassis and a 20 MB 5.25 half height Bernoulli drive featuring 38 m/sec. average access time. One pre-formatted cartridge and drive cleaning kit included. Shipped with all necessary cables and fully tested. SCSI host required. (SA500, SA1000, or SA2000 recommended) $2399.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SSD B44
The SSD B44 is an external removable media subsystem utilizing the SSD chassis and a 40 MB 5.25 half height Bernoulli drive featuring 33 m/sec. average access time. One pre-formatted cartridge and drive cleaning kit included. Shipped with all necessary cables and fully tested. SCSI host adaptor required. (SA500, SA1000, or SA2000 recommended) $2579.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SeriesII RH-5500
A 5 1/4-inch, half-height hard disk drive which uses removable 50MB cartridges and is compatible with all Amiga platforms, including the A500, A2000, and A3000. With its 25-millisecond average data access time, the drive is designed to function as a system's main memory device, replacing conventional fixed hard disk drives. Each 50-megabyte cartridge offers the storage equivalent of over 60 standard floppy disks; the half-height design allows it to be fit into the same space required of 5 1/4-inch floppy drives and fixed Winchester drives. Includes disk drive, one 50MB cartridge, and a GVP SCSI controller. $999.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Storage Solutions 42RD™
The Storage Solution 42RD™ is a dual version of the Storage Solution 42R™ $2599.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

Storage Solutions 42R™
42 Megabyte removable disk drive. The unit comes with one data cartridge pre-formatted and contains ten megabytes of public domain software. The unit also has power control features. $1350.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

Super Stream 150 Int™
The Super Stream 150 Int™ is the same as the Super Stream 150™ but without a power control center. $1250.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

Super Stream 150™
The Super Stream 150™ is a tape archival system that stores 150 megabytes per data cassette. The tape comes with software and a power control center. $1350.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

Super Stream 60 Int™
The Super Stream 60 Int™ is the same as the Super Stream 60™ but without a power control center. $899.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

Super Stream 60™
The Super Stream 60™ is a tape archival system that stores 60 megabytes per data cassette. The tape comes with software and a power control center. $999.00
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

Supra Drive 44R for A2000
Removable hard disk drive with 44MB cartridges. Includes one cartridge and the WordSync™ Interface. Can be used as primary or add-on drive. $1199.00
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Supra Drive 44R for A500
Removable hard disk drive with 44MB cartridges Comes with one cartridge. Can be used as primary or add-on drive; system must include one Supra SCSI interface. $1,398.95 with interface: $1,199.00 without interface
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

• TAPE BACKUP •

Halfbac-40
A 40 MB 5.25 internal tape streaming drive. Eliminates need to continually add hard drives. Mounts internally or externally in BacPac enclosure. $1595.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

Impact WT150
The Impact WT 150 is a streaming tape backup system with a Wangtek 150MB, 5.25-inch, and a half-height drive. Includes GVP Tapestore Backup software. $899.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
please see display ad page 7

Qic Tape
A small, portable tape backup system that uses the floppy drive port of all Amigas. Full-featured backup software included. Price TBA.
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

TARC - Tape Archive Software
TARC streaming tape backup allows the backup of any AmigaDOS volume to tape. Plus backup multiple partitions to the same tape. Utilizes the full memory capacity of your Amiga to achieve speeds of up to 6MB per minute. Supports 60MB and 150MB SCSI tape units. Requires the Comspec SA500, SA1000, or SA2000 SCSI host adaptor
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Tapestore
GVP Tapestore Backup software and Tapestore EPROM kit. $175.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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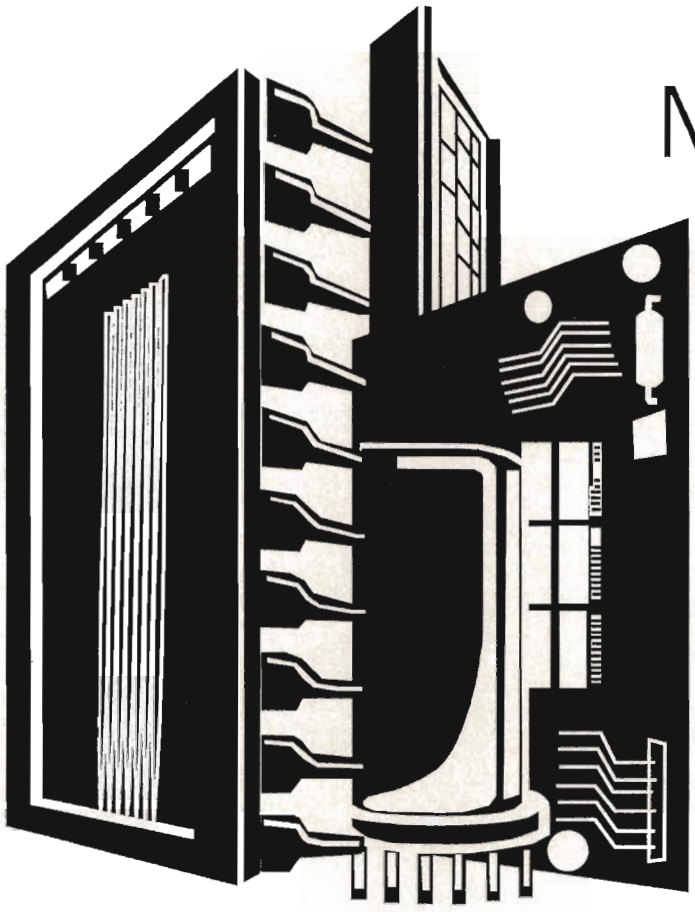


MEMORY EXPANSION

32 BIT MEMORY EXPANSION 166
BATTERY BACKUP MEMORY 167
GENERAL 163
MEMORY EXPANSION W/CLOCK 167

• GENERAL •

1.5M Internal Memory
An internal memory board for the A500 giving 1.5Mb of RAM. No modifications to the motherboard are required. Please call or write for price. System Requirements A500.
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Autralia 5035, 011-61-8-293-8752

2 MB RAM Expansion
2MB RAM expansion board for use with the Synergy Peripheral systems SCSI host/hard disk interface for the A500. Zero wait states, auto-configuring and does NOT use power from the A500. Uses 256K x 1 DRAMS $269.95
Synergy Peripheral Systems, 5638 Allen Ave. Suite #3, San Jose, CA 95123, (408) 972-2434

512K Internal Memory
An internal replacement for Commodore's A501. Features external disable switch. Clock and RAM optional. System Requirements A500. AUS $145 with all options.
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Autralia 5035, 011-61-8-293-8752

512K RAM Expansion
1/2 megabyte memory expansion for A500. Available with and without clock calendar option. Has on-board switch to switch the memory in or out without removing the board. $99.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

8-UP! (DIP)
FastRAM DIP (Dual Inline Package) is a truly Amiga-specific version of the popular 8-UP! (SIMM). Using MicroBotic's Programmable Macro Logic chips assures a zero wait state/minimal-refresh-collision memory design. Extremely low-power memory card-8 megabyte 8-UP! (DIP) draws an astoundingly efficient 800 milliamps! All RAM is conventional, socketed 1-megabit by 1, 120ns DIP RAM. For maximum flexibility, memory space is divided into two autoconfiguring devices-PIC's. Each consists of two banks of 16 sockets. Possible memory sizes are 2, 4, 6, and 8 megabytes. 239.00 and up.
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

8-UP! (SIMM) FastRAM
FastRAM card gives you 8 MB of autoconfiguration space. Uses PopSimms, Microbotics's own memory module to allow users to install their own conventional DIP-style DRAM in standard SIMM sockets on 8-UP. 1meg PopSimms allows 8 MB on one card. Either case allows users to install memory chips themselves, allowing maximum flexibility and minimum cost. Power efficient. zero wait state, autoconfiguring design. Supports conventional SIMM memory modules. Provides wide selection of installable RAM configurations, including the important 6-megabyte configuration. by virtue of 8-up's flexible two PIC design. $239 and up.
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

8MB Memory Board
An external 8MB memory board for A1000 and A500 subsystem. Features auto-config disable switch. 2000 version with Hard Disk controller in development. System Requirements A1000, subsystem. AUS $398 unpopulated.
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Autralia 5035, 011-61-8-293-8752

A1050 512K Expansion
Double the memory on your Amiga to 512K in seconds with this 256K Memory Expansion Cartridge. Installs easily behind a panel that snaps off the front of the A500. Allows the use of more sophisticated programs that require more memory. No switch setting; the Amiga automatically adjusts to the presence of the additional memory. $199.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

MEMORY EXPANSION

A2058/2 8MB RAM Board
Two megabyte RAM expansion for the A2000 expandable to 8 megabytes. $799.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

AX 1000/AX 2000 RAM Board
The AX1000/AX2000 is an auto-config one or two meg RAM board for the A1000. Both have full pass-through on the expansion bus, allowing multiple expansion devices to be connected, allowing to expand the A1000 system as the need arises. $549.00; $899.00 Canadian
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Accutek Forty Plus
High-density memory module features 64-pin in line JEDEC-standard packaging and provide data in, data out, and write enable lines brought out to separate pins on separate data buses. Capable of operating in read-write and read-write-modify modes for high speed applications, they are completely upward compatible and comes in 1meg and 4meg versions. $89.00
Accutek Microcircuit Corp., 2 New Pasture Rd., Newburyport, MA 01950, (508) 465-6200

AdRAM 540
Lets Amiga 500 owners add up to 4MB of RAM to their system. AdRAM 540 fits cleanly into the A501 expansion port, and can be purchased with or without RAM chips. Users can add their own CMOS 256K x 4 DRAM chips over time, in affordable 512K increments.
ICD Incorporated, 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

Ammeg I A1000
Memory expansion for the A1000. 1 meg of memory. External. Zero wait state design, auto-configuration under 1.2. Populated board available. 0K Board 163.95
Kline-Trontcs, 10 Carlisle Ct., York, PA 17404, (717) 764-4205

BASEboard BB504-0
The BASEboard is a 4 megabyte memory upgrade card for the Amiga 500. It provides a battery backed clock, works with both the 512K and 1MB versions of the Agnus chips and is 100% compatible with all Amiga software. The BASEboard features 'plug in' installation without cables or soldering. The memory board uses industry standard 256x4 DRAMs in its 4x8 socketed memory array and the memory can be increased in 512K increments. Its low power design does not require extra power and its location leaves the expansion bus free for additional peripherals. $159.95
Expansion Systems, 44862 Osgood, Fremont, CA 94539, (415) 656-2890

Byte Box
Expands the Amiga's memory to 2MB. Has own power supply. Unpopulated: $299.95; 512K: $399.95; 1 MB: $499.95; 2 MB: $699.95
Byte by Byte, Aboretum Plaza II 9442, Capitol of, TX Hwy N. St. 150, Austin, TX 78759, (512) 343-4357

CSI 8800
Minimax-2 internal RAM expansion allows you to expand the A500 up to a total of 2.5 megabytes internally. Minimax-2 expansion board is available in four configuration levels: with 512K, 1 MB, 1.5 MB, or 2.0 MB memory; equivalent to four, eight, twelve, or sixteen inserted 514256 memory chips. Keeps your expansion slot on side free. Expansion RAM disable switch, for older software programs incompatible with extra memory. RAM-test software included. Real-time clock on board with battery backup. Amiga automatically recognizes extra memory. $179.00
Centaur Software Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213)542-9998

DRAM-256-1M
1MB dynamic RAM for the MEM-1139. $595.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

DataFlyer DF-2
The DataFlyer is a SCSI hard card incorporating the most desirable features of any interface on the market. The DataFlyer was engineered to be a reliable high performance interface while being easy to use and install. Super fast data tranfers are done on 16 bits at a time. This gives you DMA speed without DMA problems. It comes as a hard card, and you do not have to purchase extra frames or hardware. The DataFlyer is almost auto-formatting. You choose your partitions and the DataFlyer does the rest. If you want more control there is also a manual override. It is simply the finest hard drive interface for the Amiga. $229.95
Expansion Systems, 44862 Osgood, Fremont, CA 94539, (415) 656-2890

EXP-8000+
2-, 4-, and 8-megabyte expansion board for A500. Has coprocessor sockets for adding a 68010 or 16-25 MHz 68881 coprocessor, w/2MB installed. $549.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

FastRAM for A1000
FastRAM board for the A1000. Order #FR10. $99.95
Xetec, Inc., 2804 Arnold Road, Saltna, KS 67401, (913) 827-0685

FastRAM for A500
FastRam board for the SA-5 host adaptor allows memory expansion to 8 Meg using FastSimm modules. (FastSimm modules may be purchased separately.) For the A500. Order #FR5 $99.95
Xetec, Inc., 2804 Arnold Road, Saltna, KS 67401, (913) 827-0685

FastSIMM
1MB SIMM memory module with zero wait-state 100 ns access speed. Order # FTS-001.
Xetec, Inc., 2804 Arnold Road, Saltna, KS 67401, (913) 827-0685

IN1000 1.5MB Internal RAM Expansion
Model IN1000 is an internal memory expansion guard with clock for the A1000. Includes battery-backed time/calendAr, and is auto-configurable from 512K to 1.5MB in half meg increments. Available 0K, fully socketed, uses 256K x 1 DRAMS, and includes software support disk with test and utility programs. $199.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

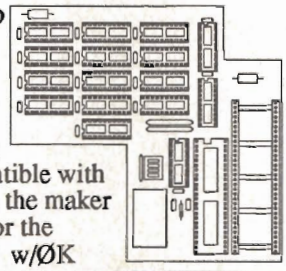
Insider II for A1000
Adds 1.5MB to the A1000. Features FastRAM, clock/calendar, 10-year battery. Fits inside the Amiga case. 249.00 with 0K $381.00
Michigan Software, 43345 Grand River, Novi, MI 48375. (313) 348-4477

KCS Power PC Board
You now own a unique high-quality technical product which will considerably increase the possibilities of your Commodore Amiga 500. The KCS Power PC Board provides your AMiga with a memory expansion of 1MB including and extra RAM disk of 512K. As an emulator, the KCS Power PC Board converts your AMiga into a fully compatible IBM-PC computer, allowing full use of the printer and serial port, mouse, one or both joysticks, and one or more external disk drives. $498.00
Pulsar, 410 Maple Ave, WestBury, NY 11580, (516) 997-6903

Kwikstart Plus for A1000
Gives you an additional 256K to use when running under the 1.3 system. Puts the new Amiga 1.3 Kickstart in ROM. $159.00
Michigan Software, 43345 Grand River, Novi, MI 48375, (313) 348-4477

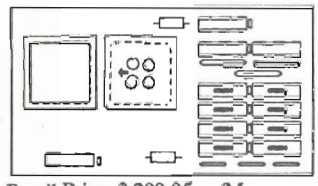
M103 Memory Expansion
256K standard internal expansion for the A1000. Socketed memory; available populated and unpopulated. $149.95 populated; $59.95 unpopulated
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

Insider II
1.5 Meg in the A1000



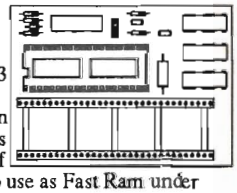
Allows A1000 owners to add up to 1.5 Meg of Fast Ram internally. User expandable in 512K increments. Includes battery backed clock calendar. Simple installation, no soldering required. The Insider II is compatible with the KwikStart Rom board. From the maker of the first internal Ram board for the A1000. Retail Price $ 249.95 w/ØK

MegAChip 2000
2 Meg of Chip Ram for the A2000



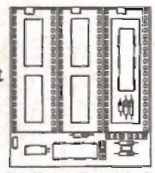
If you use your Amiga for Graphics, Desktop Publishing, Desktop Video, 3D Rendering & Animation, or Multimedia - Then you need the MegAChip 2000. Doubles the amount of memory accessable to the custom chips. Allows you to have a total of 10 Meg of Ram. Fully compatible with System 2.0 and the ECS Denise chip. Retail Price $ 299.95 w/Memory w/o 2Meg Agnus

KwikStart A1000
V1.3 or V2.0



Allows A1000 owners to install V1.3 or 2.0 Kickstart in Rom. Frees up 256K of memory to use as Fast Ram under V1.3. Upgrade to the latest operating system and still be able to use Kickstart from disk if needed.
Retail Price $ 99.95 w/o Roms

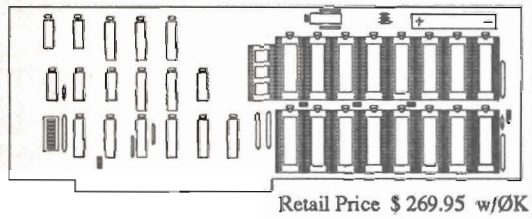
MultiStart II
A500 & A2000



Allows A500 and A2000 owners to install Kickstart V1.3 and V2.0 Roms and switch between them with the keyboard. Can also install a third Rom. Lets you stay compatible with your software. No external wires or switches required.
Retail Price $ 99.95 w/o Roms

The BattDisk
Battery Backed Static RamDisk

Super fast Static Ram Disk for the A2000 & A3000.Allows you to have up to a 2 Meg RamDisk and still have 2 Meg of Chip Ram and 8 Meg of Fast Ram. Easily expandible in 64K or 256K increments to 2 Meg. Excellent if you are working with Multimedia applications or animations where you need fast access to files. Can be used to boot your system, fully autobootable under 1.3 to FFS. Also can be hardware or software write protected. Programmers - Keep your source code in fast guru safe static ram.



Retail Price $ 269.95 w/ØK

All Products come with a Full One Year Warranty.

Contact your local dealer or call for more information.

DKB Software

832 First St. Milford, MI 48381
(313) 685-2383

Circle 159 on Reader Service card.

Memory for Amiga
Memory expansion for the A500, A1000, and A2000. For the A500 we offer 1/2 to 8MB of internal and external (leftside) memory. For the A1000, we offer1 1/2 MB of internal and external (rightside, frontside) memory. And for the A2000, we offer 1/2 to 8MB of internal memory expansion. $89.95 to $799.95
Skyles Electric Works, 231E South Whisman Road, Mountain View, CA 94041, (800) 227-9998

MM 2130 MEGA-MEMORY BOARD
2,4 or 8MB 32-Bit DRAM daughter board for the Mega-Midget Racer. Programmable DRAM controller allows for the use of 100NS to 60NS DRAM chips. Faster RAM provides faster throughout. Allows for 19MB's of RAM to be installed into ANY Amiga computer. Surface-mount design saves space and enhances reliability.
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

MaxiMegs
2.5MB internal RAM board for the A500. $299.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702)359-0444
please see display ad page 151

MegaBoard 2000
Provides the A2000 with 2MB of internal RAM. The MegaBoard 2000 is fully auto-configuring with a high speed discrete RAM controller which provides a no-wait state; uses only one expansion slot, and has built-in hardware refresh. Extensive test software and a complete installation manual make the MegaBoard 2000 a snap to install. $349.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Meta4
Meta4 is a 0 wait state memory expansion card for the A2000. Using state of the art SIMM memory modules, either 512K, 1MB, 2MB, or 4MB of RAM may be plugged into Meta4's 4 low profile sockets. The 512K and 1MB increments are available using 256K x 8 SIMMs while 2MB and 4MB increments are available using 1MB x 8 SIMMs. Meta4 measures in at 1/2 the length of a standard Amiga card and is specially designed to fit in their Trumpcard 500 enclosure along with the Trumpcard SCSI disk controller and the SCSI disk drive. Power consumption is kept to a bare minimum with smart refresh circuitry that draws less than 1 amp when fully populated with 4 megabytes of RAM, and fully loaded, Meta4 consumes less than 5 watts. 512K: 319.95, 1MB: 399.95, 2MB: 469.95, 4MB: 699.95 $199.95
Interactive Video Systems, 7245 Garden Grove Blvd. Ste. E, Garden Grove, CA 92641, (714) 890-7040
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MEMORY EXPANSION

MiniMegs Plus with 2MB installed
8 megabyte external. Fast RAM board for A500 and A1000. 70, 80, or 100 ns compatible with Infinity Machine memory. You can convert to 16- or 32-bit wide memory. Comes with a 12-month warranty.Price dictated by memory chip pricing $299.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702)359-0444
please see display ad page 151

MiniMegs
2 Megabyte external RAM board for A500 and A1000, and snaps onto external bus port. Fast RAM. Zero wait states. Low power pocket size. Autoconfigures. RAM tachometer. 512K, 1MB, and 2MB. Comes with a 12-month warranty on board From $199.00.
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702)359-0444
please see display ad page 151

Octabyte
Octabyte is available with 0 to 8MB (in 2MB increments). The Octabyte 8MB board is an auto-configuring. 0 wait state board. Easy to install. Includes software disk with test and utility programs. $192.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

Octo-Plus with 2MB installed
8 Megabyte Fast RAM for A2000. Zero wait states, Auto-configure. 2, 4, 6, or 8MB low power. 12-month warranty. $239.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702)359-0444
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Phoenix Board
Replacement motherboard for A1000, with 2000 expansion and video slots, autoboot SCSI controller, full ECS chipset support, up to 4 Kickstarts etc. Please call or write for more details. System Requirements A1000. Aus. $695.00 plus options
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Autralia 5035, 011-61-8-293-8752

Prism Pal Color Splitter
The Prism is specifically designed to work with Digi-View. It accepts a standard or SVHS PAL Composite video signal as input. The output is between red, green, and blue. A second output is available as RGB & Composite sync for a color monitor, so that you can see what you are about to digitize. The front panel has saturation, contrast, brightness controls, and shows which color is being sent to the digitizer with three L.E.D.s. A manual switch can be installed. $499.00
W. van Heeckeren, 12 Burfitt Street N.S.W. 2040, Australia, (011) 02-560-2910

RE 2000
The RE 2000 is a full-sized A2000 card that increases system memory up to 2MB. Available in increments of 0K, 1 meg, and 2 megs using standard PC type RAM chips (265K x 1).$198.00/$496.00/$799.00.
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

Rejuvenator
For the A1000, the Rejuvenator offers compatibility for the ECS Agnus as well as the ECS Denise, 2.0 ROM and a video port as in the A2000. Also adds battery-backed-up clock. $419.95
Expert Services, 5912 Centennial Circle, Florence, KY 41042, (606) 371-9690

Retrochip 2000/500
Add a total of 2meg chip memory to your Amiga 2000 or Amiga 500. Gives you more power on digitizing, video production, multitasking, animations, or any program using chip memory. $469.00
Michigan Software, 43345 Grand River, Novi, MI 48375, (313) 348-4477

SIN500
Internal Memory Expansion for A500 The SIN500 is Auto-configurable from 512K to 1MB and 2MB. It is 100% compatible with the A501 card and Fatter Agnus. Includes software support disk with test and utility programs. The 2-megabyte SIN board includes an on-board power socket for an optional external power supply, required only if the A500 power supply budget is exceeded by use of several other accessories (eg., hard drives, modems, etc.) $21.00. $199.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

StarBoard 2
Memory expansion for the A1000. Up to 2MB of zero-wait state auto-configuring FastRAM. Accepts either of two daughterboard modules: The original Multi-Function Module or the brand new SCSI module. Bus-powered. Passes the bus on; A1000 can power two fully loaded StarBoard 2's. $339.00
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

StarBoard 2/500
Memory expansion for the A500. Up to 2 MB FastRAM. Includes independent power supply. Accepts either of the StarBoard modules (MultiFunction or StarDrive SCSI module). $339.00
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

StarBoard 2/SB 2000 (adapted)
Memory/multifunction expansion for the A2000 (adapted from the A1000 versions).
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

Supra Drive RAM Expansion Module for A500
2MB RAM upgrade for A500 Supra Drives or Supra SCSI interfaces. Installs in the interface. powers from hard disk. $399.00
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

Supra RAM 2000
RAM board for the A2000. Easy to expand. Zero wait states and hidden refresh. Four-layer board reduces noise and improves reliability. Made in the USA. 2MB, $449.00; 4MB, $449.00: 6MB. $849.00; 8MB, $1049.00.
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

ToolBox 2 MB Memory Board
This memory board contains 2MB of the new 1 megabit chips in dip sockets. Allows expansion up to 8MB in increments of 4, 6, 8MB. Guaranteed to work in the ToolBox on either A500/A1000. Low power usage. $569.95
Expansion Systems, 44862 Osgood, Fremont, CA 94539, (415) 656-2890

ToolBox Memory Board
This memory board accepts the new 1 megabit chips in dip sockets. Allows expansion up to 8MB in increments of 2, 4, 6, 8MB. Guaranteed to work in the ToolBox on either A500/A1000. Low power usage. $239.95
Expansion Systems, 44862 Osgood, Fremont, CA 94539, (415) 656-2890

X-RAM, 8.0MB External Expansion RAM
External plug-in board for the A500 and A1000 is the same in all features as the Octobyte. The board is enclosed in low profile Amiga matching metal chassis. $270.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

• 32 BIT MEMORY EXPANSION •

FastPac A2000
32-bit SRAM boards utilize up to 1.5 MB of fast, reliable static memory chips. FastPac boards also feature Kickstart 1.2.2 in high-speed ROM, and are designed to avoid fresh conflict problems which could slow down system speed. Interface directly to CSA's proprietary V-Bus CSA's 32-bit 14MHz SRAM boards operate at twice the frequency of the Amiga's internal memory and outperform 16-bit 7MHz RAM by as much as 200%. $1295.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

Infinity Machine
68030 subsystem for A500 and A1000. Capable of 1 to 64MB of 32-bit wide memory. Has SCSI controller in base module. 16 to 50MHz operation. Math coprocessor Kickstart ROM. Will run Kickstart in 32-bit RAM. Plugs into external bus

port. Switches between 16 and 32-bit. 12-month warranty. Base module including SCSI controller $299.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702)359-0444
please see display ad page 151

MEM-993
32-bit static RAM board without SRAM. $595.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

Pico Megs
32-bit, 2-megabyte memory module for M.A.S.T. Infinity Machine. Market Price
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702)359-0444
please see display ad page 151

• MEMORY EXPANSION W/ CLOCK •

A501 RAM Expander
Expansion inboard 512K memory and clock module, expands your A500 to 1 MB and keeps it up to date. $199.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

EXP-512
512K clock/calendar board for the A500. $169.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

FAT TRAPPER
4MB internal RAM expansion board for A500 plugs into 'trapdoor' expansion port under A500. Includes battery backed time/calendar. Fully socketed, user expandable in 512K increments from 0K to 4.0MB, compatible with regualar for fatter Agnus. $119.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

MICROMEGS
Ultimate low power 512K internal RAM expansion. A501 clone. Uses 1MB DRAMS. Battery-backed clock/calendar. Small size. Fits under A500. User-installable. 12-month warranty. $69.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702)359-0444
please see display ad page 151

Memory Expansion and Clock/Calendar
Increases A500 memory to 1MB. Allows more sophisticated applications to be run. Fits into the A500 board by a slot in the bottom of case. Contains a battery-backed clock/calendar. Power is supplied by the A500. Price unavailable.
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Multimedia Solutions

Complete systems design and application development of interactive multimedia solutions for education, government and commercial business.

- Custom and Standard Kiosks
- Networked Kiosks
- Touchscreens
- Single Board Computers
- Multiport Boards
- Laser Disc Pressing
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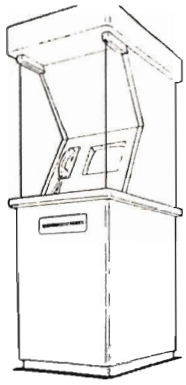


Lowest Cost $6695 Interactive Full Motion Color Video Kiosk Available

Seven foot high stand-alone kiosk with 19" touch screen RGB/composite monitor, commercial laser disc player, 68030 CPU computer with math co-processor, 6Meg RAM and 50Meg SCSI hard disk, coupon dispenser, and software for complete onsite user diagnostics.

Future Touch Inc
Division of Amigo Business Computers
192 Laurel Road, E. Northport, NY 11731
(516) 757-7334 FAX (516) 757-7234

Circle 114 on Reader Service card.

RamWorks 500
512K internal memory card and clock card for the Amiga 500, boosting the computer's available RAM to 1 MEG. The built-in clock function automatically time and date stamps your files. Design incorporates 256K X 1 chips. Included is a graphical diagnostic program that checks for bad or improperly seated chips. 5 year warranty. $79.00
Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060

Supra RAM 500
For the A500. Easy-to-install internal 0.5MB RAM upgrade with clock. Mounts in expansion slot on bottom of case. $99.95
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

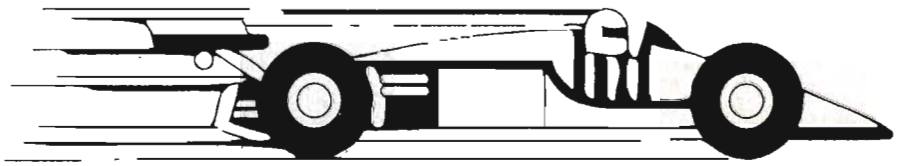
Trapper A500 512K RAM Expansion
Expansion unit with clock for A500. Send for information through mail (enclose stamps).
James Arnold, 2622 Chauncy Road, Riverside, CA 92506

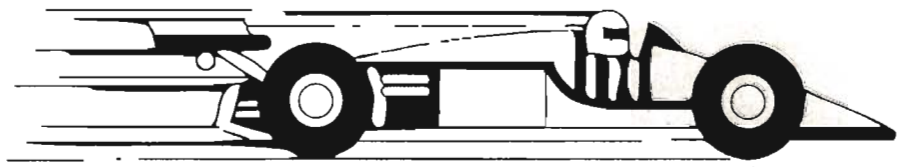
Trapper, A500 512K RAM Expansion
Trapper features A500 trapdoor 512K expansion card, and quick and easy plug-in installation. It is 100% compatible with the A501 expansion card from Commodore, as well as with the Fatter Agnus upgrade chip. Includes battery-backed time/calendar and 256K x 1 and 256 x 4 board versions are available 0K or populated. $44.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

• BATTERY BACKUP MEMORY •

Stramdisk
Static RAM card w/battery back up support. Auto-configures. Auto cold boots. Load up your favorite boot software or operating system. Have it instantly available when you power up or re-boot your Amiga. Available in 0K, 256K, 1MB, and 4MB. Plugs into A2000 or BusExpander.
Bill's Boards, 9528 Miramar Road, Sutte 181, San Diego, CA 92126, (619) 486-0908

ACCELERATORS





A2620/2Meg
68020 accelerator board for the A2000. Has built-in math coprocessor and 2MB 32-bit RAM. $1495.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

A2620/4 4 Meg
A 68020 accelerator board for the A2000. Has built-in math co-processor and 4MB 32-bit RAM. $2799.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

A2630
A Motorola 68030-based accelerator board for the A2000 series computers which features a 25 MHz MC68030 microprocessor, a 25 MHz MC68882 math coprocessor and a 68851 memory management unit. Comes standard with 2MB of 32-bit memory, is expandable up to 4MB, and provides the professional Amiga user with a dramatic performance increase for math-intensive applications such as 3-D solid modelling or visualizations. $2195.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Animate Turbo Board I
This standard accelerator board is a replacement for the MC68000 processor. On board you have the 68020 and the 68881 or 68882 processors giving you turbo power. With 68020 and 16 MHz 68881. $459.00
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, +49 421 3499517

Animate Turbo Board II
Nearly the same as the ATB I with one major difference. Now you can switch between the 68020 and the 68000 processor. That gives a total of three processors on one board. Useful for those who are using some of the few programs that refuse to run with the 68020, or want to play games at normal speed. With 68020 and 16 MHz 68881.
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, +49 421 3499517

Animate Turbo Board III
Designed for the A2000. Fits into the A2000 MMU slot and is the first board for the Amiga that comes with the option for up to 4MB of 32-bit static RAM on-board. With 68020 and 16 MHz 68881.
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, +49 421 3499517

CPU-992 1
4 MHz CPU accelerator board without processors. For the A2000. $695.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

CPU-992-XX
Modification to the CPU-992 for 16, 20, or 25 MHz 68881/2 coprocessor. $95.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

DragStrip A2000 RAM Accelerator
Lets you take advantage of faster processor boards without the high cost of 32-bit RAM. Gives you the speed of 32-bit memory at 16-bit DRAM prices. Fast screen updates and hard drive accesses; up to 16MB of memory. Requires no dynamic memory chips. Uses off-the-shelf 16-bit DRAM boards. $795.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

FasTrack A1000 Accelerator
Efficient and economical upgrade for the A1000 and A500. Piggyback boards replace the 68000 processor with a 68020 and optional 68881 or 68882 running at up to 25 MHz. Similar to CSA's A2000 CPU, CSA's internal accelerator board is easily installed and requires no modifications to your Amiga. $595.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

FasTrack A2000 Accelerator
Hassle-free upgrade from 16/32-bit, 7 MHz 68000 to 68020 full 32-bit processor at 14 MHz. Fits into A2000's CPU slot or the A1000 expansion chassis. Does not require removal of your Amiga's processor and lets you disable the 68020 and reselect 68000. Easy installation; no modifications required. Fully compatible with standard Amiga software and Commodore hardware. $995.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

Impact A2000-030/16
An internal processor/accelerator board for the A2000 includes: 16 MHz 68030 microprocessor with built-in MMU, math coprocessor socket. $849.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215)337-8770
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Impact A2000-030/28
An internal processor/accelerator board for the A2000 includes: 28 MHz 68030 microprocessor with built-in MMU, math coprocessor socket. $999.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215)337-8770
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Impact A2000-030/882/16
An internal processor/accelerator board for the A2000 includes: 16 MHz 68030 microprocessor with built-in MMU and a 16 MHz 68882 floating-point math coprocessor. $1049.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215)337-8770
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Impact A2000-030/882/28
An internal processor/accelerator board for the A2000 includes: 28 MHz 68030 microprocessor with built-in MMU and a 28 MHz 68882 floating-point math coprocessor. $1425.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215)337-8770
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Impact A3001-4MB/0
This money-saving bundle includes the 28 MHz 68030 board with a 28 MHz 68882 floating-point math coprocessor, 4 /meg of 32-bit wide RAM (connected directly via a 32-bit bus), and an autobooting SCSI hard drive controller. Uses nibble-mode SIMMs. Upgrade from 25/28 MHz to 33 MHz is $799.00, 33 MHz to 50 MHz is $999.00, and 25/28 MHz to 50 MHz is $1799.00.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215)337-8770
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Impact A3001-4MB/40Q
This money-saving bundle includes the 28 MHz 68030 board with a 28 MHz 68882 floating-point math coprocessor, 4 /meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller, and a 40MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. Upgrade from 25/28 MHz to 33 MHz is $799.00, 33 MHz to 50 MHz is $999.00, and 25/28 MHz to 50 MHz is $1799.00.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A3001-4MB/80Q
This money-saving bundle includes the 28 MHz 68030 board with a 28 MHz 68882 floating-point math coprocessor, 4 /meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller and an 80MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. Upgrade from 25/28 MHz to 33 MHz is $799.00, 33 MHz to 50 MHz is $999.00, and 25/28 MHz to 50 MHz is $1799.00.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A3033-4MB/0
This money-saving bundle includes the 28 MHz 68030 board with a 33 MHz 68882 floating-point math coprocessor, 4/ meg of 32-bit wide RAM (connected directly via a 32-bit bus), and an autobooting SCSI hard drive controller. Uses nibble-mode SIMMs. Upgrade from 25/28 MHz to 33 MHz is $799.00, 33 MHz to 50 MHz is $999.00, and 25/28 MHz to 50 MHz is $1799.00.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A3033-4MB/40Q
This money-saving bundle includes the 28MHz 68030 board with a 33 MHz 68882 floating-point math coprocessor, 4/meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller, and a 40MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. Upgrade from 25/28 MHz to 33 MHz is $799.00, 33 MHz to 50 MHz is $999.00, and 25/28 MHz to 50 MHz is $1799.00.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A3033-4MB/80Q
This money-saving bundle includes the 28MHz 68030 board with a 33 MHz 68882 floating-point math coprocessor, 4/meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller, and an 80MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. Upgrade from 25/28 MHz to 33 MHz is $799.00, 33 MHz to 50 MHz is $999.00, and 25/28 MHz to 50 MHz is $1799.00.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A3050-4MB/0
This money-saving bundle includes the 28 MHz 68030 board with a 50 MHz 68882 floating-point math coprocessor, 4/meg of 32-bit wide RAM (connected directly via a 32-bit bus), and an autobooting SCSI hard drive controller. Uses nibble-mode SIMMs. Upgrade from 25/28 MHz to 33 MHz is $799.00, 33 MHz to 50 MHz is $999.00, and 25/28 MHz to 50 MHz is $1799.00.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A3050-4MB/40Q
This money-saving bundle includes the 28MHz 68030 board with a 50 MHz 68882 floating-point math coprocessor, 4/meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller, and a 40MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. Upgrade from 25/28 MHz to 33 MHz is $799.00, 33 MHz to 50 MHz is $999.00, and 25/28 MHz to 50 MHz is $1799.00.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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Impact A3050-4MB/80Q
This money-saving bundle includes the 28MHz 68030 board with a 50 MHz 68882 floating-point math coprocessor, 4/meg of 32-bit wide RAM (connected directly via a 32-bit bus), an autobooting SCSI hard drive controller, and an 80MB Quantum hard drive (19/11ms). Uses nibble-mode SIMMs. Upgrade from 25/28 MHz to 33 MHz is $799.00, 33 MHz to 50 MHz is $999.00, and 25/28 MHz to 50 MHz is $1799.00.
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215) 337-8770
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M/MR 2100 MEGA-MIDGET RACER
MC68030 accelerator that fits the Amiga A500, A1000, and A2000. Optional 512K,1MB or 2MB Static RAM, and 1MB to 8MB Dynamic RAM. Software selectable to your original MC68000. Surface-mount design saves space and enhances reliability. CPU can be clocked from 20 to 33 MHz on the same board. Replaces the original MC68000 CPU which is then resocketed on the board and switched through software or hardware.
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

Optimizer
Multiple function card provides 14.32 MHz 68000 CPU, 68881 math coprocessor, 1MB memory expansion (0MB installed) with fast access to the system ROM routines via FAST BUSS.
Synergy Peripheral Systems, 5638 Allen Ave. Suite #3, San Jose, CA 95123, (408) 972-2434

Over 030
Upgrade for the FastTrack A2000. Twice the processing power of the on-board Memory Management Unit eliminates need for external 68851 MMU for UNIX, X-Windows, and other networking environments. Includes both instruction and data cache. Harvard Parallel allows instructions and data to be processed simultaneously. $1190.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

PFM-1146CA
68030 board for the CPU-992 without processor. $495.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

Sapphire 68020/68881 Accelerator
68020 accelerator card. We have a card for the A500-A2000. We also have a version for the Atari ST and Macintosh. These cards also come with a 68881 coprocessor. $399.00
TTR Development, 1120 Gammon Lane, Madison, WI 53719, (608) 277-8071
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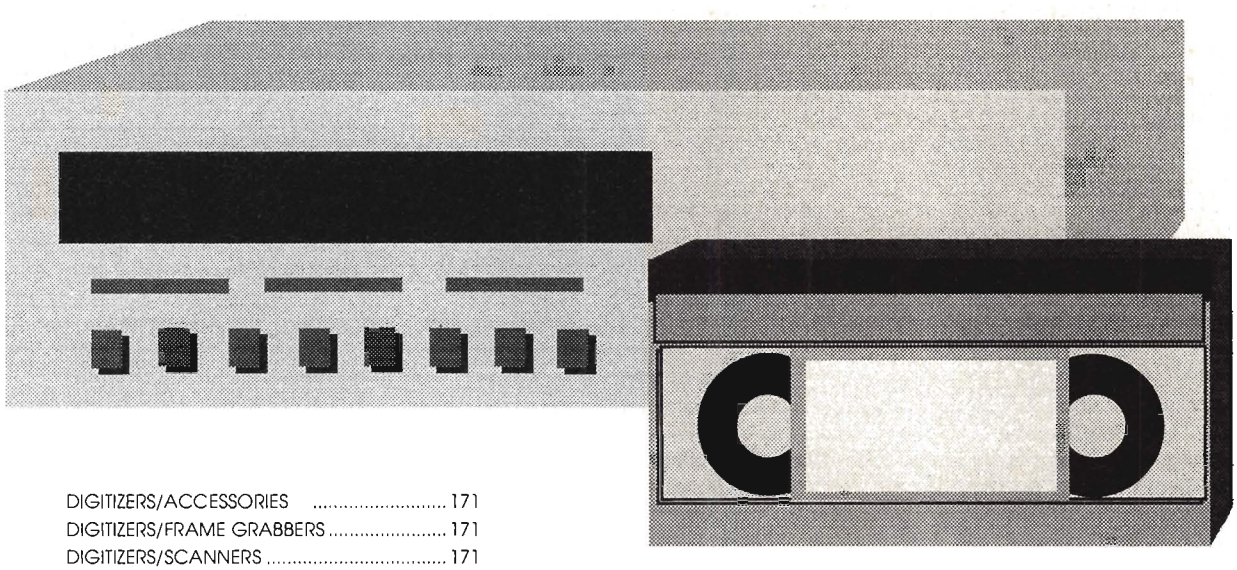
VIDEO HARDWARE



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• GENERAL •

Color Splitter
For use with Digi-View, this electronic color splitter allows users to capture color images from VCR, LaserDisk, camcorder, or any still NTSC video source without using color filters. $150.00
MicroSearch, Inc., 9896 Southwest Freeway. Houston, TX 77074, (713) 988-2818

Future Touch MediaPro
Designed to stand-alone or multitask with a host Amiga, provides a low cost control system for interactive multimedia applications. MediaPro, with it's own CPU, reads application software from a laser disc on boot-up and accepts and interprets input from touch screens or keyboards. The board, with four serial ports and eight I/C ports, provides user controls for stereo audio amplifier, diagnostics, printer functions, proximity sensing, coupon dispensing and other control functions. $695.00
Future Touch, 192 Laurel Rd., E. Northport, NY 11731, (516) 757-7334

MP2.0A Infrared Controller
Controls video deck, compact and laser disc players, and other infrared controlled devices from personal computers. Two Sony S-port output and one universal infrared output. Includes the MediaPhile Utilities program disk. $295.00
Interactive MicroSystems, 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MP2.0M Sony Video Deck Interface Controller
Brings videotape counter info into PCs from two modified Sony 8mm video decks. One remote switch output. Includes one counter sense cable. $139.00
Interactive MicroSystems, 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MP2.0P Universal Tape Deck Interface Controller
Brings videotape counter info into PCs from two modified VHS, SVHS, or BETA decks. One remote switch output and two optional SMPTE time code inputs. Includes one counter sense cable. $159.00
Interactive MicroSystems, 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaBase Program Disk
Program gives easy interactive access to audio-visual presentation created with the MediaProcessor Program. Will include a touch screen interface soon. $195.00
Interactive MicroSystems, 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaProcessor Program Disk
Video post production edit decision list program. Control video decks, camcorders, genlocks, and other devices to make video productions. $195.00
Interactive MicroSystems, 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

MediaServer Program Disk
ARexx custom module interfaces to popular Amiga presentation, interactive training and database programs including AmigaVision, The Director, and CanDo. $195.00
Interactive MicroSystems, 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

Programmer's Toolkit Disk
Control video decks and CD players and other infrared controlled devices from your C language or BASIC programs. Disk includes linking libraries and bmap files for the MediaPhile shareable library. $195.00
Interactive MicroSystems, 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

The Producer Systems
A complete studio systems, from starter to complete professional. Studios customized to your application, up to and including Targa systems. All hardware, software, furniture, set up, and training available. Call for price quote, also MIDI systems, all Amiga based.
Dimension-X, Inc/CommoTech, 1636 D Ave., National City, CA 92050, (619) 477-3106

Videon
A direct NTSC video digitizer. Extensive software includes full image processing and 3-D mapping of images. $399.95
Power Computing Ltd., 44A Stanley Street, Bedford MK41 7RW, ENGLAND, 011-44-234-27-3000

• DIGITIZERS/ACCESSORIES •

Auto Droid
Cuts digitizing time by nearly 50% over manual operation, and it's easy to use. With Auto Droid installed, all you have to do is select digitize auto and watch Auto Droid and Digi-View do the rest. Auto Droid also lets you digitize using the clear filter for black-and-white images. This keeps you from having to remove your 'Droid' every time you switch from color to black and white. Focusing with the clear filter makes it much easier to obtain sharp images. $59.95
MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

AutoLink
An electronic module allows fully automatic color digitizing when used with the Color Splitter, Digi-View, and any composite color video source. It plugs into the back of the Color Splitter and into the second port of the Amiga. All you have to do to get color IFF images is select 'digitize auto' in your Digi-View software. It's easier and a lot faster than manual operation. $49.95
MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

Digi-Droid
Motorized filter wheel automatically advances the color filter wheel for Digi-View. Speeds up digitizing and minimizes chances for mistakes. Hands-free digitizing. $79.95
NewTek, 215 E. 8th St., Topeka, KS 66603, (913) 354-1146

Digitize Auto Cable
Electronic cable used with Electronic Color Splitter and Digi-View for fully automatic Color Digitizing for any color video source. Cuts digitizing time in half. $49.95
MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

• DIGITIZERS/FRAME GRABBERS •

Frame Capture
Optional chip set for FrameBuffer allows capture of 4 fields of video in real time and full color. $199.95
Mimetics Corporation, P. O. Box 1560, Cupertino, CA 95015, (408) 741-0117

FrameGrabber 2.0
Real-time, 4096 color, video digitizer. Grab color images from VCR or camera in 1/30 of a second. Supports screen resolutions from 320 x 200 to 640 x 400, including lo-res overscan. For all Amigas. $699.95
Progresstve Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

FrameGrabber 256
256 gray-shade video digitizer with professional image processing software. Displays up to 256 shades of gray on any Amiga monitor. For all Amigas. $724.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

LIVE!
Digitizes a moving color image in real time from any video source to the A1000. This package can decode an NTSC video signal, grabs a picture as fast as 15 frames per second in 16-level gray scale, and has an overscan ability to completely cover the Amiga video screen with your image (no blank borders). Plugs into the A1000 expansion port! $295.00
A-Squared Distributions, Inc., 6114 LaSalle Ave., Oakland, CA 94611, (415) 339-0339

LIVE!2000
Same features as Live! and Live!500. Dual video switching (allows fades, wipes, and other special effects), video signals from composite video or RGB input, 640 x 400 resolution, optimizer package for B&W cameras, and additional real-time video effects. LIVE!2000 fits internally into the A2000 and is Zorro 2-compatible. $450.00
A-Squared Distributions, Inc., 6114 LaSalle Ave., Oakland, CA 94611, (415) 339-0339

LIVE!500
Digitizes a moving color image in real time from any video source to the A500. Decodes an NTSC video signal, grabs a picture as fast as 15 frames per second in 16-level gray scale, and has an overscan ability to completely cover the Amiga video screen with your image (no blank borders). Plugs into the A500 expansion port and comes with its own power supply. $399.00
A-Squared Distributions, Inc., 6114 LaSalle Ave., Oakland, CA 94611, (415) 339-0339

Video Digitizer
Real-time frame grabber in 1/60 second. 320 x 256 display with 16 gray levels. Updates screen at 1 frame/sec. Save screen as IFF format. Edit pictures with cut, paste, copy, reverse, negative & more. $139.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

• DIGITIZERS/SCANNERS •

IMG Scan II
Turns your printer into a high-resolution image scanner. 256 gray levels, full-color assignable. $139.95
Seymor-Radix, P. O. Box 166055, Irving, TX 75016, (214) 255-7490

Migraph Handscanner and Touch-Up
Scanner features: 4 scan window, 100, 200 and true 300 and 400 dpi resolutions, adjustable contrast, three dither settings for halftones and one for line art. Software has all the standard features plus lots of special effects, bezier curves, and scalable fonts. $399.00
Migraph, Inc., 200 S 333rd #220, Federal Way, WA 98003, (206)838-4677
please see display ad page 181

Pro-Res Still Video/Color Separator
Professionally interfaces any common video source (VCR, still-video camera, camcorder, laser disk) to your slow-scan digitizer. Full user control to adjust brightness, contrast, color, tint, and detail of the incoming video prior to digitizing. Creates traditional 3-color separated output. Automatic operation with NewTek's Digi-View, manual step-switching with other slow-scan digitizers. $399.00
TDA The Desktop Advantage, 560 Northeast F Street Suite 4, Grants Pass, OR 97526. (503) 476-8254

Scannery
Links Amiga to HP ScanJet. Full page preview, clip image to any size, adjust scale, resolution, and brightness for optimum image control. Scanning options include black and white, 16 gray scales, four dither patterns and inverted images. Repetitive tasks can be automated with the ARexx batch process capability. Merge scanner data with data from any other application program. Pack-

age includes software documentation, software disk and custom cable. $250.00
Inset Systems, 71 Commerce Drive, Brookfield, CT 06804, (203) 775-5866

• DIGITIZERS/SCANNERS /ACCESSORIES •

Professional ScanLab
Professional color scanning package that includes all the software cables and hardware interfaces for the A2000 to provide total control over Sharp's JX-300 and JX-450 color scanners. High-quality, 24-bit data from the scanner can be converted into Amiga HAM images, or maintained in its 24-bit true color form. Sent to professional output device, this translates into 16 million colors. Also supports the largest picture resolutions of any Amiga system: 5100 x 3300. Used in conjunction with ASDG's ReSep, ProScan Lab. Allows Professional Page to produce documents with 24-bit images. $995.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

• EDITING HARDWARE •

BCD-5000
The BCD-5000 Professional Video Animation Controller for computers with a serial port provides frame-accurate control of most industrial and broadcast videotape and disc machines. While designed as a video animation controller, the BCD-5000 is at home wherever computers are needed to control video machines. $2495-$3495
BCD Associates (Interactive Video Systems), 7510 North Broadway Ext. Suite 205, Oklahoma City, OK 73116, (405) 843-4574

MediaPhile Infrared Controller
Provides complete accurate control of video decks, laser and compact disc players, and other infrared devices from Amiga computers. Learn commands from any infrared remote control and send them from the computer. Features: infrared commands for many popular devices included on program disk; video deck control from many video production, animation, presentation, and database programs; Programmer's Toolkit software. Ports: Infrared transmitter and sensor, two Sony S-ports, a remote pause switch and tape counter inputs for two video decks. $195.00
Mediaphile Center, 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545

VCR-EDIT
Controls external devices that require a 5V TTL pulse. Will work as an I/O device. Pulse width and duration can be changed by ARexx commands. Works with VCR's/Camcorders with remote pause, VCR Editors with GPI output, Slide projectors. Requires ARexx and works with programs such as Bars&Pipes, CanDo, AmigaVision, any ARexx program that will send commands. $79.95
CentraTech Service Company, 1833 Reddington Road, Newark, OH 43055, (614) 522-2848

• ENCODERS •

A520 Modulator
Lets you connect the A500 to a composite color monitor or standard TV. Converts video signal into RF modulated and color composite signals. Accepts audio from A500 which is added to the RF video to be heard through TV. Connects to the A500's RGB video port. Power is supplied by the A500. $49.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

DigiFeX External Adaptor VI-500
This adaptor is an external device designed to send a video signal from an Amiga 500, 1000 or 2000 computer to various video hardware. It is enclosed in a sturdy metal case and attaches to the RGB Port of any Amiga via a 23-PIN connector. Three RGB jacks providing Composite out, Chroma out and Luma out allow for interfacing with Commodore Monitors, Composite Monitors, VHS and Beta VCRs and SuperVHS or BetaED hardware (if an additional cable is purchased). $79.95
DigiFeX Corporation , 610 Main Street, Oregon City, OR 97045, (503) 656-8818

DigiFeX External Adaptor With RF VI-500RF
This adaptor is an external device designed to send a video signal from an Amiga 500, 1000 or 2000 computer to various video hardware. It is enclosed in a sturdy metal case and attaches to the RGB Port of any Amiga via a 23 PIN connector. Three RGB jacks providing Composite out, Chroma out and Luma out and Audio in; an additional RF out co-axial cable jack provides a regulated frequency output. These video signals allow for interfacing with Commodore Monitors, Composite Monitors, VHS and Beta VCRs and Super VHS hardware if an additional cable is purchased. $99.95
DigiFeX Corporation , 610 Main Street, Oregon City, OR 97045, (503) 656-8818

DigiFeX Internal Adaptor VI-2000
This adaptor is used internally with Amiga 2000 computers to send a video signal from the Amiga to various video hardware. The VI-2000 is an internal board that fits into the video expansion slot of the Amiga 2000. The VI-2000 provides three RCA jacks that provide the same outputs as the VI-500. Allows interfacing with the same broad variety of video hardware. $79.95
DigiFeX Corporation , 610 Main Street, Oregon City, OR 97045, (503) 656-8818

DigiFeX Internal Adaptor With RF VI-2000RF
This adaptor is used internally with Amiga 2000 computers to send a video signal from the Amiga to various video hardware. The VI-2000RF is an internal board that fits into the video expansion slot of the Amiga 2000. The VI-2000 provides three RCA jacks that provide the same outputs as the VI-500RF. It allows interfacing with the same broad variety of video hardware and old style televisions. $99.95
DigiFeX Corporation , 610 Main Street, Oregon City, OR 97045, (503) 656-8818

• FRAME BUFFERS •

FrameBuffer
Allows display of Amiga 24-bit RGB files and IFF files with a fidelity up to the limits of video. 746 x 484 pixel resolution in up to 16 million colors. Special software utilities for Sculpt 4D, Turbo Silver, and NewTek files. Requires 1 MB RAM on board an A2000 form factor card. $549.95
Mimetics Corporation, P. O. Box 1560, Cupertino, CA 95015, (408) 741-0117

Living Color Frame Buffer
Requires SuperGen 2000S. Provides the Amiga with full 16-million-color paint capability. Also there are several color register indirect and double buffering display modes that allow both color cycling animation as well as ANIM-type animation with up to 256 colors. Includes Living Color PaintBox, IFF picture and ANIM conversion systems. Price unavailable.
Digital Creations, 2865 Sunrise Boulevard, Suite 103, Rancho Cordova, CA 95742, (916) 344-4825
please see display ad rear cover

• GENLOCK •

4004/4004S Genlockable Video Graphics Encoder
The two plug-in cards of the Magni 4004 offer clean video signals for A2000 or A2500 graphics programs. Along with absolutely accurate RS-170A video, you get special effects features that include fades, luminance and color zero keying, all under software control with choice of keyboard or mouse. The S version adds a graphics-only output in S-VHS video format. For still greater flexibility, add the optional 4010 Remote Control for external control of effects function (595.00 if purchased separately). $1,695.00; $1,995.00 with remote control.
Magni Systems, Inc., 9500 SW Gemini Drive, Beaverton, OR 97005, (800) 624-6465

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4005/4005S Genlockable Video Graphics Encoder
The 4005 and 4005S provide the Amiga video professional outside the U.S. with the same flexibility and accuracy as the 4004 but in PAL (the predominant European video standard). $1,865.00; $2.165.00 with remote control.
Magni Systems, Inc., 9500 SW Gemini Drive, Beaverton, OR 97005, (800) 624-6465

A2300 Genlock
Fits in the A2000's video slot, allows the user to combine the A2000 video display with output from a VCR, video camera, or laser disk. Combined display may be viewed on an Amiga RGB monitor. Titles, captions, and multi-layered effects may be viewed on videotape. Suitable for semi-professional (non-broadcast) environment. Available in both NTSC and PAL versions. $399.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

AmiGen
This low-cost genlock allows the Amiga to synchronize with any external video system, and overlays computer graphics. Easy to operate! $199.95
Mimetics Corporation, P. O. Box 1560, Cupertino, CA 95015, (408) 741-0117

Chroma Key
It works with any genlock to allow you to place your live signal on top of the computer graphic. This is done by shooting the foreground video against a blue background (provided with the Chroma Key) that is later electronically eliminated when combined with the background computer signal. You can see this technique used every night on your local news broadcast. The weather forecast is the reality just a chroma background. The background video is the weather map, usually a computer graphic. $395.00
MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

Interlok
For all Amigas, the Interlok includes advanced, reliable circuitry that locks your Amiga scan rate to NTSC or PAL broadcast synchronizing standards and is also able to lock to sync pulses that output directly from typical, low-cost VCR's. Front panel includes program on/off, genlock on/off, LED power indicator and 0 to 100% fade overlay control slider. Other features include looping video input, KEY out (Amiga Color 0), and Internal level selector for A2000, A500, and A1000 RGB matching. Interlock's front panel with controls can be located remotely to 25 feet or more. Its shielded metal chassis can fit beneath monitor and support monitor weight; the chassis is 1 3/4 high to enable mounting to industry standard 19 rack. Price unavailable.
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

Magni 4003
Remote control unit controller for use with the Magni 4004 board. Performs variable speed fades along with luminance and inverse keying. Also controls key and fade levels of genlocked graphics. $499.00
Magni Systems, Inc., 9500 SW Gemini Drive, Beaverton, OR 97005, (800) 624-6465

Neriki 1187
Accurately genlocks the Amiga's RGB output to a reference video signal, or a studio black signal. Will lock to any composite video signal, studio reference, black burst, camera or tape source. Supports all graphic modes and resolutions. Minimizes duplication losses. Luminance keyer replaced by fader in latest version. Separate RGB and key out. $2195.00
Telmak Inc., 1101A Air Way, Glendale, CA 91201, (800)637-4540

Neriki DeskTop
Allows text, graphics, paint, and animation programs to be integrated to video. Features: hi res with encoded capability of 500 lines (NTSC 500 lines), auto key cuts into background, meets RS170A standards. Models available in PAL and NTSC. Same rack mount genlock with identical performance as the Image Master model 1187 with fewer output combinations, i.e, no key out. RGB out or sync out. Makes up for lack of connectors with a lower base cost and Y/C input and output. $1100.00
Telmak Inc., 1101A Air Way, Glendale, CA 91201, (800)637-4540

OmniGen 701/702
This genlock system for the Amiga is available for both NTSC/PAL standards. Designed primarily for professionals and broadcast applications. Character generator, Custom background generator, Genlocked Teleprompter, 23-pin D SUB in/out connectors with a cable designed for interfacing. Will lock to incoming video or black burst. Also has its own internal sync pulse generator. Adjust-

ments include 360-degree chroma phase, full SC/H Phase control. Models 701 (NTSC) and 702 (PAL) feature composite in and out and S-VHS output. $1950.00
Omicron Video, 21822 Lassen Street Unit L, Chatsworth, CA 91311, (818)700-0742

OmniGen 711/712
Same as the above models, but the 711 (NTSC) and 712 (PAL) have full S-VHS input and output (as well as composite). $2850.00
Omicron Video, 21822 Lassen Street Unit L, Chatsworth, CA 91311, (818)700-0742

OmniGen 721/722
These models (721—NTSC and 722—PAL) have all the same features of the OmniGen line but are usable on all formats. The units can be used with any professional or non-professional system as they contain inputs and outputs for all formats: composite; S-VHS, Hi-8mm, Beta-ED, 3/4-inch, 1-inch, BetaCam, M2 and more. T.B.D.
Omicron Video, 21822 Lassen Street Unit L, Chatsworth, CA 91311, (818)700-0742

ProGEN
RS-170A, broadcast-quality genlock for all Amigas. Software-controllable. RGB pass-through. $449.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

RM-2B Professional Genlock For Amigas
The RM-2B is a 19 inch, rack-mountable, professional genlock subsystem and NTSC encoder for the Amiga. It contains a sync generator and full-field color bar generator. A key/mix mode switch and mixing pot is optional, as is a color sub-carrier phase adjustment. The RM-2B is used by NASA for their high-resolution Shuttle cameras. For a nominal charge, older RM-2 models can be refurbished at the factory to upgrade them to the performance level of the B version. $2995.00
GlennLoc Corporation, 3903 Carolyn Avenue, Fair, VA 22031, (703) 273-5663

Scanlock
The Scanlock is an external hardware device for Amiga computers that enables the user to selectively mix computer generated graphics and animation with full motion audio and video input from VCRs, video cameras, and television broadcasts. Scanlock is used by professional and amateur video producers as part of sophisticated and cost effective desktop multimedia production workstations. Scanlock is available in two models: VSL-1-N for the North American and Japanese markets supports NTSC and S-VHS, retailing for $995.00; VSL-1-P for international markets supports PAL and S-VHS 625, and retails for $1095.00
VidTech International, Inc., 2822 NW 79th Avenue, Miami, FL 33122, (305) 477-2228

SuperGen
Genlock and overlay device. Independent dissolve controls, two overlaid outputs, switchable notch filter, accurate lock to VCR output. RGB decoder for true Amiga colors. $749.95
Digital Creations, 2865 Sunrise Boulevard, Suite 103, Rancho Cordova, CA 95742, (916) 344-4825
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SuperGen 2000S
A true S-VHS-compatible genlock and overlay card for the A2000 series computers. The SuperGen 2000S installs into the video slot of an A2000 or A2500. Further capabilities are provided through upgrade paths to a frame buffer with time base correction as well as full-color video digitization through the Living Color series of add-on expansion products. $1595.00
Digital Creations, 2865 Sunrise Boulevard, Suite 103, Rancho Cordova, CA 95742, (916) 344-4825
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Video Blender
A video genlock with multi-video switching, unlimited wipes/special effects, luma-keying, audio mixing and more. Price TBA.
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Video Master
An integrated desktop video system for all Amiga computers. Video Master genlocks the incoming composite (NTSC or PAL) or S-Video to the Amiga graphics. The genlocked video production is produced in all video formats as well as RGB for the best quality graphics. A built-in RGB splitter is included for direct connection to a digitizer including a compatible interface to Digi-View Gold 4.0. A special effect generator is also built in for horizontal, vertical, circle and inverted wipes - automatically timed or manually controlled. All controls (vertical interval switches, fade bar, wiper bar and RGB splitter) are front panel fingertip controlled. NTSC or PAL $1295.00
VidTech International, Inc., 2822 NW 79th Avenue, Miami, FL 33122, (305) 477-2228

miniGEN
RS-170A, broadcast-quality genlock for all Amigas. Three-position toggle switch for controlling graphic modes. $249.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

• SMPTE •

Interactive Video Kit
This kit for the Amiga videographer contains Sony LDP 1200 Laser Disc Player, Genlock, Sony PVM 1271Q Monitor with VIVA program. Price unavailable.
TV One Productions, 7 Delsea Plaza Delsea Drive, Westville, NJ 08093, (609) 848-5698

TCRG102
Time Code Reader/Generator that does window dubbing. This professional video hardware device assigns and reads individual frame numbers for identification purposes to and from videotape. $799.95
Microillusions, P.O. Box 3475, Granada Hills, CA 91394, (818) 785-7345

• TIME BASE CORRECTORS •

Living Color TBC/Digitizer option
The TBC/Digitizer option gives the FrameBuffer the ability to digitize video in full 16-million-color space as well as act as a video Time Base Corrector. Also included is the ability to shrink or zoom, move and then overlay the digitized video in real time relative to the video input on the SuperGen 2000S board. Includes Video Artist Workstation software for creating visual effects with the TBC. Price unavailable.
Digital Creations, 2865 Sunrise Boulevard, Suite 103, Rancho Cordova, CA 95742, (916) 344-4825
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VMachine
An infinite window time base corrector with a dissolve, overlay and keying system, as well as programmable real-time digital video effects. As incoming video is digitized on channel A, it can be played out again synced with video passing through channel B. It is able to do this with VCR's and requires no other equipment. Features NTSC RS-170A compatible, Y/C compatible (VHS and Beta), Full PaintBox tools, Full Bandwidth sampling and much more. Price unavailable.
Digital Creations, 2865 Sunrise Boulevard, Suite 103, Rancho Cordova, CA 95742, (916) 344-4825
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• VIDEO ENHANCEMENT •

MasterControl
MasterControl provides all the capability of VidControl, but will accept six discrete inputs from the game port, as opposed to the one input used by VidControl. MasterControl provides a totally asynchronous capability to interface up to six outside discretes to Amiga software. $50.00

Integral Systems, P.O. Box 31626, Dayton. OH 45431, (513) 237-8290
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VidControl
A typical application for VidControl in a Video production studio would involve synchronization of DeluxePaint III animations with video source form another device, via a GPI controller. Vid Control supports user definable response to input signal, permitting the user to define the keyboard message that is passed to the application. VidControl also supports variable time delays between the input event and the passing of the message to the application, permitting, for instance, a video pre-roll delay. More generally, VidControl provides a general purpose input mechanism to permit the synchronization of any Amiga software package with an event in the outside world, based upon a switch closure, from a mouse, a joystick, or any other device. $30.00
Integral Systems, P.O. Box 31626, Dayton, OH 45431, (513) 237-8290
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flickerFixer
Professional graphics enhancer uses de-interlacing and fits in the A2000 and A2500 video slot. Removes the flicker in the interlace mode and the visible scan lines in the non-interlace mode of the A2000 and A2500 display. Fully compatible and transparent to all user software. Does not modify standard Amiga video signals. NTSC video outputs may be used simultaneously with flickerFixer. Supports standard multiscanning and VGA monitors. Compatible with 4096-color HAM mode. $495.00
MicroWay, P. O. Box 79, Kingston, MA 02364, (508) 746-7341
please see display ad page 9

flickerFixer Genlock Compatibility Option
Developed in response to the needs of Amiga video users. It allows the flickerFixer to be operated on A2000's and A2500's while simultaneously having NTSC-compatible display through the genlock and high-quality VGA-compatible display through the flickerFixer. It is a small module that piggybacks onto the flickerFixer board so it does not utilize any expansion slots. Now, both the flickerFixer and a genlock can be physically running in the same machine. $50.00
MicroWay, P. O. Box 79, Kingston, MA 02364, (508) 746-7341
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• VIDEO PRESENTATION SYSTEMS •

IllumiLink 1.0
A small box that plugs into the second mouse port containing an infrared receiver, transmitter, and a phone jack for a wireless telephone. The phone becomes a remote Amiga mouse/command center for live multimedia presentations. AIR software allows one to create pop-up Amiga screen duplicates of any IR remote controller. Hot-key control of IR commands. Control A/V equipment in other rooms using the external IR LED output jack. Extensive ARexx programming system provides interface to a profusion of Amiga applications. Includes MIDISynergy III and support for video frame control. $27.00
Geodesic Publications, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566
please see display ad page 185

Video Share
Allows a teacher to display their screen on the monitors of all connected Amigas at the touch of a switch. Transparent to software and hardware will not interfere with normal operation of Amigas. Supports all video modes.
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Video Toaster
The Toaster is a broadcast-quality video computer which sits inside the Amiga. It has 4 VLSI custom chips and its own RAM. It does not use Amiga output, but rather produces its own output. The Toaster will be shipped with a character-generating program, with Toaster Paint (a 24-bit paint program) & Toaster 3D due later this year. The Toaster includes a seven-channel production switcher which will switch between seven stable (i.e., camera or time-base-corrected tape) sources and provide dissolves and wipes. The Toaster is also a broadcast-quality genlock, frame grabber and digitizer. The Toaster is also a DVE (Digital Video Effects) unit with real-time manipulation of live video. Over one hundred pre-programmed effects will come with the first release of the Toaster with more available later. The Toaster also includes dual frame buffers (which will also work with standard 24-bit IFF RGB files such as those produced by Sculpt and Silver). Output from the Toaster is straight, 24-bit, 16-million color, broadcast-quality NTSC. $1595.00
NewTek, 215 E. 8th St., Topeka, KS 66603, (913) 354-1146

Video Pros...
MasterControl lets you:
use up to 6 GPI inputs to control any Amiga software package!
Connect your external controller through the second gameport!
Works with all Amiga video packages, including Pro Video Gold.
VidControl provides all the capability of MasterControl, but with just one GPI input...for the smaller system.
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Handicapped People...
KeyWhiz makes the Amiga accessible by eliminating the need for a keyboard. Do all data entry using a joystick or custom input device. All keyboard keys are supported!

MasterControl	$75.00
VidControl	$30.00
KeyWhiz	$40.00
Interface Cable	$10.00
S+H	$ 2.50
Ohio Residents add 6.5% sales tax	

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• BACK UP HARDWARE •

Action Replay
A utility cartridge for the Amiga 500. Action Replay plugs into your expansion port and allows you to simply freeze just about any program. The program in memory can then simply be saved to disk. Use the special infinite life/fuel/ammo generator for most any game. A powerful machine code freezer monitor with many, other features. $99.00
Coast To Coast Technologies, 1855 W. S.R. 434 # 208, Longwood, FL 32750, (407) 767-0779

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Allows for full backups recursively. Also has built-in comprehension, fastback, and ARexx features. $49.95
TTR Development, 1120 Gammon Lane, Madison, WI 53719, (608) 277-8071
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Synchro Express
Synchro Express is a powerful disk copier, giving you the facility to back up disks using the MFM/TTL techniques used by commercial duplicators. In most cases, copies in under 50 seconds. $69.99
Coast To Coast Technologies, 1855 W. S.R. 434 # 208, Longwood, FL 32750, (407) 767-0779

• BRIDGEBOARDS •

A-Max II
Now handles most major Amiga hard drive controllers to give full hard drive support during Macintosh emulation with both Amiga and Mac hard drives. A-Max II also supports other standard SCSI devices, such as the LaserWriter IISC and scanners, through compatible Amiga hard drive controllers. Other new features include improved handling of Amiga accelerator boards with MMUs to give speed increases of up to five times normal speed, and the ability to play Macintosh digitized sounds during emulation. $199.95
ReadySoft Inc., 30 Wertheim Court, Unit 2, Richmond Hill, Ontario, Canada L4B 1B9, (416) 731-4175

A2088D Bridgeboard
Provides 8088 coprocessor system with IBM PC/XT compatibility to bridge the Amiga and MS-DOS worlds. Plug into one of the combined Amiga and PC system bus slots to run IBM PC-compatible software while running Amiga tasks. Comes with external 5.25-inch drive. Up to 3 external floppy drives; 3 IBM-compatible full-size slots available for hard disk controller, communication adapter, graphics adapter. Software: MS/DOS, GW BASIC 3.2. Fast dual port memory, full speed CPU access during system DMA. $699.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

A2286D
Bridge the Amiga and MS-DOS worlds. AT Emulator kit comes with internal 1.2 MB 5.25-inch disk drive. $1495.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Bridge Drive Commander+
Gives all Bridgeboard owners direct access to all built-in and add-on Amiga floppy drives from the bridgeboard (as 720K drives), and direct access to 360K and 720K IBM-compatible drives from AmigaDOS. Bridgeboards can boot from 3 1/2-inch Amiga drives. Requires no software or memory, and attaches to the internal floppy drive connector rather than taking up a slot. Disk access is fully transparent and automatic. Floppies are completely usable by other Amiga and IBM-compatible computers. Allows low-cost IBM drives to be used as Amiga external drives. DF1 can be made external. Compatible with all software, hard disks, accelerator boards, etc. $97.50
MJ Systems, 1222 Brookwood Road Dept.10A, Madison, WI 53711-3118, (800) 448-4564
please see display ad page 187

Bridgeboard Speaker Kit
A low-cost, simple solution that enables the PC Emulator to speak. The Bridgeboard Speaker Kit comes complete with pre-assembled hardware, easy-to-follow, do-it-yourself installation instructions, and a full one-year warranty. $24.95
Computers, Etc!, 4521-A Bee Ridge Road, Sarasota, FL 33583, (813) 377-1121

PC-Elevator 386
Provides 80386-powered PC compatibility to any Amiga with a Commodore Bridgeport, delivering 12 times the speed of bridgeboard alone. Installs by plugging into a PC-type expansion slot. Includes 1 MB of high speed zero wait state DRAM, as well as RAM disk and disk cache software. The flexible Memory Management utility allows you to use all the memory already in your system, including bridgeboard memory. $1795.00
Applied Reasoning Corp., 86A Sherman St., Cambridge, MA 02140, (617) 492-0700

• CABLES •

CA-23-MF/3
3' extension cable D-23 male/female $16.00
Benetech Electronic Supply, 1103 Royal Parkway #109, Euless, TX 76040, (817) 354-0946
please see display ad page 185

CA-23-MF/6
6' extension cable D-23 male/female $18.50
Benetech Electronic Supply, 1103 Royal Parkway #109, Euless, TX 76040, (817) 354-0946
please see display ad page 185

CA-4920 SCSI 2 Drive
SCSI, 50-pin flat ribbon, daisy chain $9.00
Benetech Electronic Supply, 1103 Royal Parkway #109, Euless, TX 76040, (817) 354-0946
please see display ad page 185

CA•2000 Malibu Cards
A2000 SCSI Controller card with room to mount any standard 3.5-inch hard disk. Optional 2 & 4 megabyte RAM board that autoconfigures and utilizes easy-to-install SIMM's. Autoconfigures under V1.2 & 1.3 of Workbench. Autoboot from hard disk under V1.3 of Workbench. Complete hard disk installation utilities and expandable. Mac-style DB25 SCSI external connector and 16-bit fast data transfers.
California Access, 780 Montague #403, San Jose, CA 95131, (408) 378-0340

D-23P
23-pin connector, solder type. Male. $1.50
Benetech Electronic Supply, 1103 Royal Parkway #109, Euless, TX 76040, (817) 354-0946
please see display ad page 185

D-23S
23-pin connector, solder type. Female. $1.70
Benetech Electronic Supply, 1103 Royal Parkway #109, Euless, TX 76040, (817) 354-0946
please see display ad page 185

S-View
Improves image by eliminating cross-color interference inherent in the NTSC composite video system. Reduces shadows, dot crawl and color smear. S-View is compatible with all Amiga S-Video encoders includes CMI's V series and Communications Specialties' GenOne. Provides an 8-foot cable. $79.95
Software Sensations, P.O. Box 2414, Beverly Hills, CA 90213, (213) 277-8272

Standard SCSI Cable- CA-4910
SCSI, 50-pin, flat ribbon cable. $7.50
Benetech Electronic Supply, 1103 Royal Parkway #109, Euless, TX 76040, (817) 354-0946
please see display ad page 185

• CD-ROM •

The Fred Fish Collection CD ROM
Contains the entire 360+ disk collection of freely distributable software compiled by Fred Fish. All software is on the disk in both ready-to-run and ZIPPED formats, making the CD ROM ideal for use with most BBS systems. The disk will be updated every 4 months; $29.95 per update. $69.95
HyperMedia Concepts, Inc., 5014 Campfire Lane, Racine, WI 53406, (414) 632-3766

• CHIPS •

1.3 ROM
For the A500 and A2000. Contains 1.3 Kickstart $45.65
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

68020-33
33 MHz 68020 for accelerator boards. Slower speeds are available at lower prices. $80.00
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

68030-16
16 MHz 68030 for accelerator boards. Other microprocessors and support chips also are available. $45.00
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

AdRAM 540
The first module, AdRAM 540, lets Amiga owners add up to 4 MB of RAM to their system. AdRAM 540 fits cleanly into the A501 expansion port, and can be purchased with or without RAM chips. Users can add their own CMOS 256K x4 DRAM chips over time, in affordable 512K increments. $159.95
ICD Incorporated , 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

AdRAM 560D
AdRAM 560, the second module in the series, comes with 2 MB of RAM built-in and plugs directly into any AdRAM 540, the AdRAM 560D adds up to 6 MB of internal RAM. The AdRAM 560D includes 2 MB of RAM already installed. $279.95
ICD Incorporated , 1220 Rock Street, Rockford, IL 61101, (815) 968-2228

MISCELLANEOUS HARDWARE

DRAMs and Video RAMs
Refurbished 1 meg x 1, 256K x 4, 256K x 1, 64K x 4, and 64K x 1 DRAMs and Video RAMs are available in DIP, ZIP, and surface mount packages at a fraction of new prices. All parts are guaranteed. Price and availability may change daily so call with your memory expansion requirements.
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

Fat Agnus Chip
New Fat Agnus will address 1 meg of chip RAM (if available). $130.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

MC68020-12 MHz
12 MHz 68020 processor for CSA accelerator boards. $275.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

MC68020-16 MHz
16 MHz 68020 processor for CSA accelerator boards. $475.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

MC68030-16
16 MHz 68030 processor for CSA accelerator boards. $995.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

MC68881-12 MHz
12 MHz 68881 math coprocessor for CSA accelerator boards. $225.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

MC68881-20 MHz
20 MHz 68881 math coprocessor for CSA accelerator boards. $595.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

MC68882-16
16 MHz 68882 math coprocessor for CSA accelerator boards. $595.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

MC68882-20
20 MHz 68882 math coprocessor for CSA accelerator boards. $875.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

MC68882-25
25 MHz 68882 math coprocessor for CSA accelerator boards. $995.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

SRAM-1M
1 MB static RAM for the MEM-993. $1295.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

SRAM-512
512K static RAM for the MEM-993. $495.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

Static RAMs
Refurbished Static RAMs and Pseudostatic RAMs are available in DIP and surface mount packages at a fraction of new prices. All parts are guaranteed. 128K x 8 (1 meg) Pseudostatic RAMs in flat packs can be obtained for $4.00. $4.00
Krueger Company, The , 1544 West Mineral Road, Tempe, AZ 85283, (602) 820-5330

• CLOCKS •

MouseTime for A1000
Battery-backed mouse port clock passes the port through for joysticks and other devices. Uses low-cost AAA batteries. Batteries last 18 to 24 months. $39.95
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

• COMPUTER SYSTEMS •

Amiga 2000
Features Motorola 68000; 16/32-bit; 1 MB RAM standard (internally expandable up to 8 MB); 256 KB ROM (includes Kickstart 1.3). 1-slot Amiga CPU bus; 5-slot Amiga system bus with auto-configure feature; 3-slot PC bus; 1 video slot. Keyboard with 10 function keys; two-button mouse. Built-in 3.5-inch disk drive (880 KB formatted); mounting locations for optional 3.5-inch drive; 5.25-inch disk drive. Video: 400 lines vertical frequency 60 Hz (B&W NTSC output; analog RGB out; 4 independent sound channels; built-in English text-to speech device, much more. $1899.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga 2000HD
Same as the A2000 but with a built-in 40 MB hard drive. $2699.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga 2500
The same as the A2000HD but with 14.3 MHz 68020 (in addition to the 68000). 1 MB 16-bit RAM and 2 MB 32-bit RAM. Also has a built-in 40 meg hard drive $3999.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga 2500/30
Runs at 25 MHz with 2 MB of 32-bit RAM (expandable to 4 MB) and features a 25 MHz 68882 math coprocessor, a 68851 memory management unit, 1 MB of 16-bit chip RAM; a built-in 880K 3.5-inch floppy disk drive; a pre-configured, high performance 40 MB hard disk drive and autobooting SCSI hard disk controller; custom sound, animation and graphics chips; RS232 serial and parallel connectors; and two RCA-type audio output jacks. Special features that give users an unparalleled flexibility advantage are two optional Bridgeboards allowing the A2500/30 to run both MS-DOS hardware and software. Amiga A2000 family owners can upgrade their existing machines by purchasing a 2630 card from an authorized dealer. $4699.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga 2500/30
The Amiga 2500/30 comes standard with a Motorola 68030-based coprocessor card running
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga 3000
High-speed Motorola 68030 microprocessor running at either 16 or 25 MHz, 32-bit data bus, 68881 or 68882 math coprocessor, built-in disk drive, 94-key keyboard, mouse, and system software (back-up disks included). Standard 2 MB RAM (1 MB RAM, 1 MB fast RAM) expandable to 18 MB on the motherboard (over 1 Gigabyte address space). 50 MB, 19 millisecond hard disk with hard disk back-up and maintenance software (100 MB hard drive model available). AmigaDOS 2.0 Multitasking Operating System. 4096 available colors with built-in display enhancer for NTSC compatibility interlaced or flicker-free de-interlaced video; user-definable resolutions including 320 x 200, 640 x 480, 768 x 480, and 1280 x 400. 4-voice 2 channel stereo sound output with built-in speech synthesis. Expansion slots: 4 Zorro III expansion slots, 2 PC AT expansion slots, 1 video expansion slot, 1 CPU/CACHE memory expansion slot. Built-in clock-calendar function with battery back up. Call for pricing.
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Amiga 500
Features Motorola 68000; 16/32-bit; 512 KB RAM standard, 1 MB RAM with optional internal memory expansion A501. Externally expandable to 8 MB RAM (with autoconfig). 256K ROM (includes Kickstart 1.3). Keyboard includes 10 function keys, two-button mouse. Drives: built-in 3.5-inch disk drive (capacity: 880 KB formatted); maximum 1 external 3.5-inch drive and 1 additional 5.25-inch drive. Video: 400 lines; graphic coprocessor with beam synched draw. Four independent sound channels, sound buffer, and much more. $799.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Profit Enhancement Center
Provides all hardware and software for POS, inventory control and full accounting. $3,599.00 for 1 POS station with cash drawer; $6,999.00 for 1 POS & 1 back office station.
Clockwork Computers, 2904 Captiva Way, Sarasota, FL 34231, (813) 923-0493

• EDUCATION •

Amiga Video Microscope System
Special microscope/interface plugs into genlock to be used with titling or paint software to enhance presentations in science classroom. Comes with classroom activities. Call for information.
Mr. Horan's Computer Lab, 12338 Shelbyville Road, Louisville, KY 40243, (800) 274-8446

Light Writer Overhead Projection System
Overhead projection system that includes stylus-driven pad for overwriting/enhancing projected video. Ideal for corporate training and educational settings. Call for information.
Mr. Horan's Computer Lab, 12338 Shelbyville Road, Louisville, KY 40243, (800) 274-8446

• ENTERTAINMENT •

4-Player Adaptor Cable
Connects up to four joysticks at one time. You can play two players against two, or field a team of up to three against the computer. To be used with MicroDeal's International Soccer, Leatherneck, and other future games. $14.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

Actionware Light Phaser
The first light gun for the home computer entertainment market. Designed to work with such action-packed games as Capone, P.O.W., Creature, and more. More light gun games are under development. $49.95
Actionware, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (800) 848-2333

Dual Gun Adaptor
The Dual Gun Adapter is designed specifically for Actionware games which use the Actionware Light Gun. By using the Adapter the player can use two guns at once or allow a partner to join in the fun. For A500 and A2000 only. $39.95
Actionware, 38 W. 255 Deerpath Rd., Batavia, IL 60510, (800) 848-2333

Hot Stuff
Choosing the color may be your toughest decision with Hot Stuff, a highly interactive joystick that will improve the precision of your play as well as your scores. Grab hold of the Pistol-Grip and fire away. The handle is topped off with two trigger buttons with a second set of fire buttons located on the base. Hot Stuff sports an auto-fire switch as well as four super suction feet on its base. Available in pink, blue, green, or yellow. $10.99
Beeshu, Inc., 930 Carter Rd., Winter Garden, FL 34787, (407) 877-2100

Stik-Foot
A flat, non-skid joystick base (9 x 12, smoky transparent plastic) that can be attached to any joystick having a flat base or suction cups. It makes the joystick easier to use by allowing one-handed operation in any position, allows simultaneous use of the joystick and keyboard, prevents damage to furniture, and is easy to install. It can be semi-permanently attached to a joystick using adhesive squares. Model RSF-110 is attached with hook-and-loop fastening tape, and may be removed and reattached repeatedly. Don't clamp your joystick to the desk, use STIK-FOOT. $5.99
Softwaresmith, The , 114 Daniel Webster Hwy. S. Suite. 131, Nashua, NH 03060

Stik-Gripper
Stik-Gripper T.C.S. (Total Control Stand) is a joystick holding stand which clamps your joystick front and center for fast, furious, one-handed action! It is a lightweight, three piece plastic stand which you place on your chair and straddle with your legs. It is totally adjustable to fit just about any joystick or controller! Ergonomically designed for long comfortable play, a must for flight simulators! $18.95
Duggan DeZign Inc., 300 Quaker Lane Suite #7, West Warwick, RI 02886, (401) 823-8073

Ultimate Superstick
The Ultimate Superstick is an arcade-style controller that features 8 directional micro switch controls and 2 independent Dial-A-Speed autofires-permitting as many as 30 shots per second! The Ultimate also comes with two sets of fire/jump buttons, each with its own operating LED., making it versatile for left and right-handed players. The Ultimate has five suction cups allowing it to be mounted firmly on any smooth surface, and comes with a 10-foot cord allowing the gamer to play from a greater distance. $39.95
Beeshu, Inc., 930 Carter Rd., Winter Garden, FL 34787, (407) 877-2100

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MISCELLANEOUS HARDWARE

Zoomer
Zoomer is a console-type controller that was designed to improve scores in every type of playing situation: cycles, 4 wheelers, racing games, and air combat games. The wheel can be turned right or left and can be tilted up or down, with 2 Dial-A-Speed auto-fire buttons built into the handle. A 10-foot cord and four super strong suction feet allow for easy mounting on any smooth surface. $49.95
Beeshu, Inc., 930 Carter Rd., Winter Garden, FL 34787, (407) 877-2100

• ENTERTAINMENT/JOYSTICKS •

Ergostick
A soft, pliable, ergonomically engineered joystick that comfortably fits your hand. State-of-the-art microswitches, and super sensitive touch control. $24.99
Suncom, 6400 W. Gross Point Road, Niles, IL 60648, (312)647-4040

Gravis Switch Joystick
The Gravis Switch Joystick advances the 'art' of joystick control with a full-sized, foam-padded, pistol-grip handle, and adjustable handle tension. Turbo-fire is a new feature on each of the three buttons, providing even faster response and a greater degree of control. The joystick is durable and versatile enough to handle today's wide range of software—from the precision & control required for flight & driving simulations to the frantic and hard-hitting pace involved with action-packed, arcade-type software. Another new feature is the automatic trigger point adjustment of the tension wheel. The reaction time is faster for arcade-type games, and control is greater for the simulation software. The Gravis Switch Joystick carries a one-year, no-nonsense warranty. $49.95
Advanced Gravis Computer Technology Ltd., 7033 Antrim Ave., Burnaby BC, Canada C5J 4M5, (604) 434-7274

Powerplayers Joystick
Trigger-style joystick that allows easy maneuverability and rapid firepower. $29.95
Mindscape Inc., 3444 Dundee Road, Northbrook, IL 60062, (708) 480-7667

Tac-30
A competition grade joystick featuring fixed auto-fire and three fire buttons for speed, comfort, and better reaction time. Has silent microswitches and precision, aircraft-style grip. $16.99
Suncom, 6400 W. Gross Point Road, Niles, IL 60648, (312)647-4040

Tac-50
A competition grade joystick featuring variable auto-fire and 4 fire buttons for speed. Has digital microswitches array technology, providing tactile and audible feedback. Includes trigger fire grip for precise control. Lifetime warranty. $19.99
Suncom, 6400 W. Gross Point Road, Niles, IL 60648, (312)647-4040

The MouseStick Controller
Supports two-way communication through the ADB port, and has a full cdev (control panel device). The cdev allows the user to save custom settings for the MouseStick by application. The MouseStick consists of two components: an optomechanical joystick with 1200 count resolution, coupled with a separate controller unit called the GMPU. The improvements in the new MouseStick are contained in a new ROM chip, meaning that owners of the earlier version of the MouseStick can easily upgrade (free of charge) simply by replacing their existing chip. $129.95
Advanced Gravis Computer Technology Ltd., 7033 Antrim Ave., Burnaby BC, Canada C5J 4M5, (604) 434-7274

• EXPERIMENTAL HARDWARE •

Link-Interface
Auto-config and can be used together with other transputer boards. Designed to also be used as an experiment board. There is even an auto-config chip-select provided for your own circuitry. Compatible with the INMOS B004 development board. Includes AFSERVER software. 399 Deutschemarks
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, +49 421 3499517

N.E.S AM-300A Amiga 500/100 Prototype Board
Prototyping board for use with the A500 or A1000. Same specs as AM-200A Prototyping board. $49.95
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

N.E.S. AM-400A Amiga 2000 Video Slot Prototyping Board
Prototyping board for use in the A2000 video slot. $59.95
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

N.E.S. AM-200A Amiga Prototyping Extender Board
Prototype board for use with the A2000. $49.95
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

N.E.S. AM-201A Amiga Prototyping Extender Board
Extender board for use with AM-200A Prototyping board. $49.95
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

N.E.S. AM-400A Amiga 2000 Co-Processor Prototyping Board
Prototyping board to use in the A2000 coprocessor slot. $59.95
N.E.S. Corp., 4660 SW Flower Place, Portland, OR 97221, (503) 246-9311

Zorro II-III Prototyping Board
Prototype board for the A2000 and A3000. Allows developers, engineers, and dedicated hobbyists to build, test, and debug custom hardware before developing a custom printed circuit board. Two-sided board designed for maximum flexibility has over 4400 plated through holes on a 0.1 grid. Main prototyping area accepts IC's in DIP packages with as many as 64 pins and IC's in PGA packages as large as 14 x 14 pins. I/O connector pattern and mounting bracket designed for D connectors with up to 25 pins. $49.95
Celestial Systems, 1116 -A 8th Street Suite 165, Manhattan Beach, CA 90266, (213) 372-1229

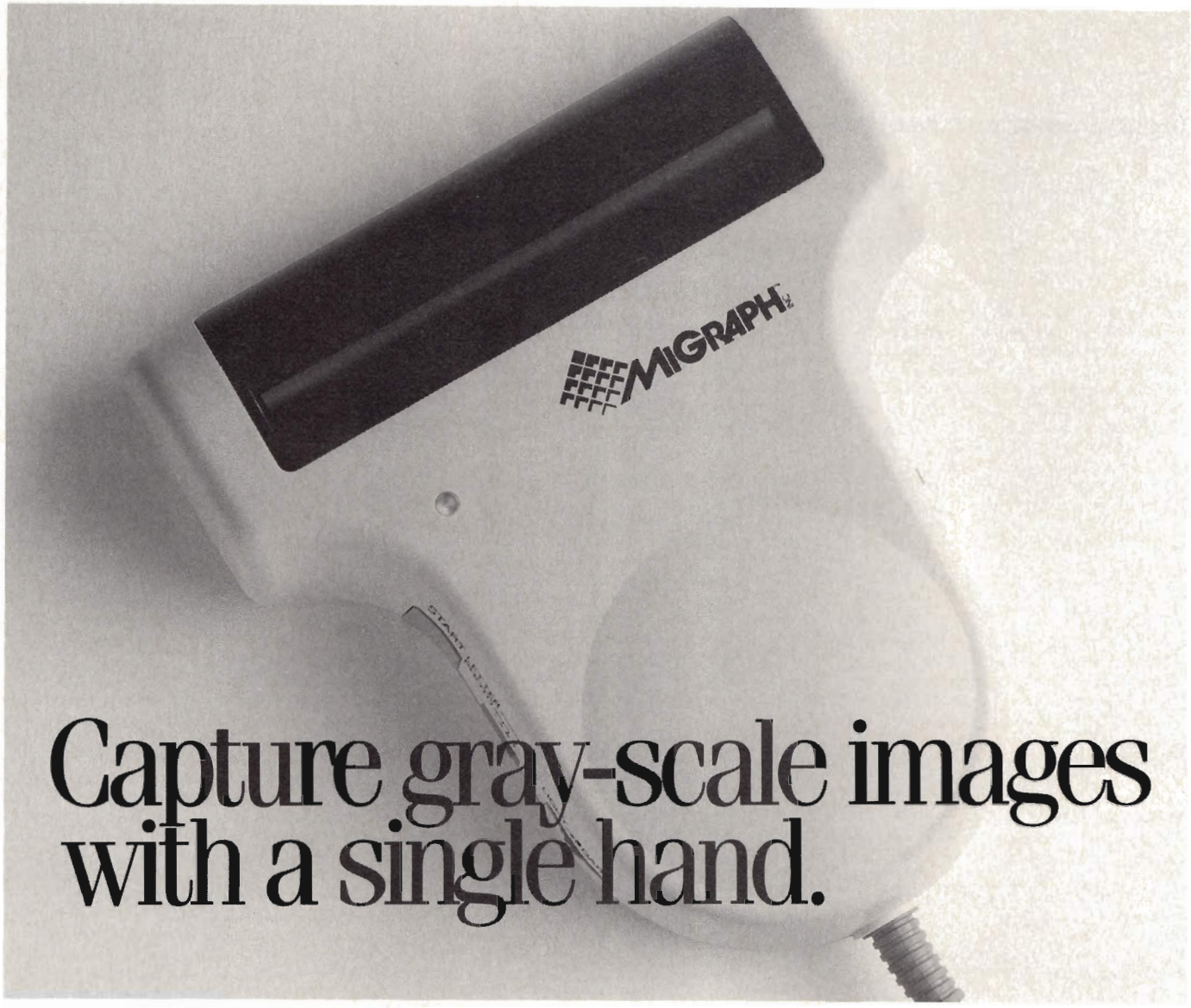
-MAX-125 IBM Interface Adapter
For developers and experimenters wanting to integrate IBM-compatible I/O device boards to the Commodore Amiga line of computers, we have developers' versions of the —MAX— 125 board available that include two 8K by 8K or two 32K by 8K (16K used) static RAM chips and a RAM upload utility.
Palomax, Inc., 424 Moreboro Road, Hatboro, PA 19040, (215) 672-6815

• FAX-SSTV •

Amiga Video Terminal (AVT) System
The AVT system utilizes the graphics capabilities of the Amiga to transmit and receive high-resolution facsimile, and slow-scan television images. Received images can be printed on any Amiga printer or saved on a disk file. A unique capability of the AVT mode is the 400 Hz bandwidths, instead of the conventional 1100 or 1200 Hz SSTV bandwidths. If used in conjunction with a CW filter and IF shift, this drastically improves the signal-to-noise ratio, enabling clearer reception of weak signals. Further, all video information is crystal-locked at both the transmitting and receiving stations at the start of each frame, eliminating misalignment. Another unique feature of the AVT system is its ability to send high-speed color images over the one lines to similarly-equipped AVT system stations. There's also telephonering detector and auto answer. $299.95
Advanced Electronic Applications, Inc., P.O. Box C2160, Bldg. O&P, 2006-196th, Lynnwood, WA 98036-0918, (206)775-7373

• GRAPHICS HARDWARE •

Magnum/650
The latest in optical storage technology from Sony. Removes all practical limits on disk storage, by producing up to 650 MB of storage on a secure removable disk cartridge. Comes with complete driver support, utilities, diagnostic, cables, and one piece of media. Requires compatible SCSI controller. $4995.00
Active Circuits, Inc., 1985 Highway 34 A-4, Wall, NJ 07719, (201) 974-1616



Capture gray-scale images with a single hand.

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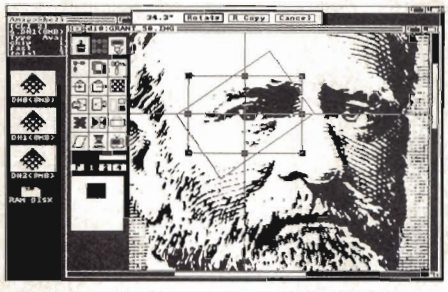
Migraph Touch-Up is the complete image editor and design tool for monochrome images.



Editing features like Rotate-by-degree give images that professional touch.

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MISCELLANEOUS HARDWARE

MindLight 7
Combined with Visual Aurals I graphic arts software generates real-time animated graphics that derive their energy from any music or other audio source. Music affects the color, movement, object shapes, and patterns in a number of different ways. Can be combined with any IFF picture in any resolution or any IFF brush. Also combines with LIVE! by A-Squared. Includes an oscilloscope and a frequency counter for analyzing, and a MIDI player and recorder which accepts IFF music files or files compatible with Dr. T's Music Software. $198.00
Visual Aural Animation, P. O. Box 4898, Arcata, CA 95521, (707) 822-4800

X-Specs 3D
Through these advanced high-speed liquid crystals, your computer can now independently control what each eye sees. The result: stereo vision. Add new depth to presentations, CAD/CAM, and molecular or solids modeling. Play games with more realism than ever imaginable. Includes hardware and software; plugs into joystick port. $124.95
Haitex Resources, P.O. Box 20609, Charleston, SC 29413, (803) 881-7518

• HOME SECURITY HARDWARE •

Guardian
Guardian is fully multitasking and asynchronous. The basic system employs six separate Amiga processes which operate completely asynchronously, thus guaranteeing excellent response to external events. Guardian communicates with industry standard card readers or avid readers and door controllers via a multi-drop RS-232 or RS-422 bus connected to the serial port and using a polled protocol. The number of drops on the bus is determined by the capabilities of the door controllers used, but a maximum of 32 is typical. A typical door controller may control up to 4 doors, so one serial line may handle up to 128 doors or other entries. $500.00
Integral Systems, P.O. Box 31626, Dayton, OH 45431, (513) 237-8290
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Intruder Alert
Allows your computer to become a monitoring, logging, or security system for your home or business. The system comes complete with everything you need for remote sensing, including detector switches and wire. Intruder Alert Monitor software allows for digitized audio alarms, speech synthesis, modem interaction, date and time stamping of events, external program launching, and utility support for BSR/X-10 controlling. $159.95
Software Terminal, P.O. Box 123225, Fort Worth, TX 76121, (817) 737-3297

• INPUT DEVICES/GRAPHIC TABLETS •

4-button puck
Input device for the graphics tablet. $50.00
R & D L Productions, 11-24 46th Avenue, 2A, Long Island City, NY 11101, (718) 392-4090

AProDRAW 9 x 6 inch Graphics Tablet Package
Up to 1000 lines per inch. Interfaces through the serial port. AProDRAW graphics tablets feature high-resolution Summagraphics digitizing tablets with a 2-button stylus and a multitasking driver for the Amiga. Additional program allows user to scale the tablet or screen while working to enlarge or reduce a picture. Interfaces through the serial port. Active area is 9 x 6 inches. $449.00
R & D L Productions, 11-24 46th Avenue, 2A, Long Island City, NY 11101, (718) 392-4090

AProDraw 12 x 12 inch Graphics Tablet
AProDRAW graphics tablets feature high-resolution Summagraphics digitizing tablets with a 2-button stylus and a multitasking driver for the Amiga. Additional program allows user to scale the tablet or screen while working to enlarge or reduce a picture. Interfaces through the serial port. Active area is 12 x 12 inches. $549.00
R & D L Productions, 11-24 46th Avenue, 2A, Long Island City, NY 11101, (718) 392-4090

AProDraw 18 x 12 inch Graphics Tablet
AProDRAW graphics tablets feature high-resolution Summagraphics digitizing tablets with a 2-button stylus, 4-button puck, and a multitasking driver for the Amiga. Additional program allows user to scale the tablet or screen while working to enlarge or reduce a picture. Interfaces through the serial port. Active area is 18 x 12 inches. $999.00
R & D L Productions, 11-24 46th Avenue, 2A, Long Island City, NY 11101, (718) 392-4090

Easyl
1024 x 1024 pressure-sensitive digitizer for art, animation, design, CAD, map making, and touch control applications. Allows user to draw or trace directly into the Amiga with an ordinary pencil on paper. Works with all 1.2 Amiga programs with the Amiga mouse and easel operating simultaneously. For A500-A2000. US $349.00 Canadian $399.00.
Anakin Research, Inc., 100 Westmore Drive Unit 11C, Rexdale, Ontario, Canada M9V 5C3, (416) 744-4246

IS/ONE
A total input tablet for the Amiga with interface kit and programmable menu-strip featuring 5 Program Softkeys and up to 23 Function Softkeys to execute batches of your pre-programmed keystrokes with one touch. Allows instant switching from application to drawing to menu picking. Available with corded cursor, cordless pen or cursor, two switch pen, or with corded 12-button cursor. Tablet sizes: 8.5" x 11", 12" x 12", 12" x 17". Also includes IS/PENCRAFT software driver. When ordering, specify Amiga Interface Kit. $525.00-$995.00
Kurta, 3007 East Chambers, Phoenix, AZ 85040, (602) 276-5533

IS/PENMOUSE
Comes with 6" x 9" tablet with interface kit. Available with cordless pen or cordless cursor. Features Kurta's dynamic scaling to miniaturize/maximize the active area. When ordering, specify Amiga Interface Kit. $395.00
Kurta, 3007 East Chambers, Phoenix, AZ 85040, (602) 276-5533

SketchMaster 12x12
SketchMaster graphics tablets are ideal for animation, tracing, and design. The tablet is compatible with any Amiga model and all mouse-driven software. SketchMaster features 1000 lines per inch resolution, 1/2 inch lock-height, comprehensive software drivers for Amiga and IBM, and a protective clear overlay. SketchMaster is the only Amiga graphics tablet that does not require a power supply (interfaces through serial port). System includes a high performance tablet, 2-button stylus, 4-button cursor, interface cable, 9 to 25 pin adaptor, tablet software driver, and manual. SketchMaster is backed by a five-year limited warranty. Active area is 11.7 x 11.7 inches. $449.00
Dakota Corporation, 55 Heritage Ave., Portsmouth, NH 03801, (800) 325-6825
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SketchMaster 12x18
SketchMaster graphics tablets are ideal for animation, tracing, and design. The tablet is compatible with any Amiga model and all mouse-driven software. SketchMaster features 1000 lines per inch resolution, 1/2 inch lock-height, comprehensive software drivers for Amiga and IBM, and a protective clear overlay. SketchMaster is the only Amiga graphics tablet that does not require a power supply (interfaces through serial port). System includes a high performance tablet, 2-button stylus, 4-button cursor, interface cable, 9 to 25 pin adaptor, tablet software driver, and manual. SketchMaster is backed by a Five-year limited warranty. Active area is 12 x 18 inches. $699.00
Dakota Corporation, 55 Heritage Ave., Portsmouth, NH 03801, (800) 325-6825
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• INPUT DEVICES/KEYBOARDS •

Freedom 500
The Freedom 500 for the A500 gives you freedom of movement, and because the face plate can be used as a copy holder, an A500 with a Freedom

500 gives you some desk space back. The Freedom 500 detachable keyboard is a kit that uses the A500's own built-in keyboard. Features include: all metal construction, light-weight metal that won't rust, rubber feet that won't scratch furniture, and precision-crafted, hand-inspected high quality. Also, the Freedom 500 is colored and textured to match the A500, and requires no soldering or drilling to install. $115.00
Lightning Bolt Computers, 1737 Waltham Drive, Ann Arbor, MI 48103, (313) 769-5670

• INPUT DEVICES/LIGHT PENS •

The Amiga Light Pen
Two-button touch switch pen with transparent driver. Allows user to choose pen, mouse, or both for hi-res precision graphics. Operates in both interlace and non-interlace modes. When used with graphics programs, the Light Pen gives data entry the simplicity of paper and pencil for drawing, painting, and free-hand sketching on the computer as well as the precision required for CAD. Dealer discounts available. $129.95
Inkwell Systems, 1050 R-Pioneer Way, El Cajon, CA 92020-1943, (619) 440-7666

• INPUT DEVICES/MOUSES •

Amiga/Mousestick
The Gravis mousestick is an optomechanical mouse/joystick combination. With 1200 lines of resolution, and a 16K ROM processing unit, and it is a premium games device. The Mousestick editing program gives you complete control over response, speed, fire rate, and many other functions. It even provides that "analog feel" for flight simulation software. Four of your favorite settings can be set and one can even be set as start-up, allowing you to start playing the game right away. The mousestick includes many of the outstanding features developed by Gravis for their switch joystick, such as the foam-padded pistol-grip handle, adjustable handle tension, and three micro-switch firing buttons. The mousestick also carries Gravis' one-year no-nonsense warranty. $99.95
Advanced Gravis Computer Technology Ltd., 7033 Antrim Ave., Burnaby BC, Canada C5J 4M5, (604) 434-7274

Amiga Mouse
Compatible with all Amigas. $74.95
Bethesda Softworks, 15235 Shady Grove Road, Suite 100, Rockville, MD 20850, (301) 926-8300

BOING! Mouse
A high-quality replacement mouse for the Amiga computer. No moving parts to wear out. Comes with special mouse pad. It has three buttons for use by new software and a two-year warranty. $125.00
BOING!, 1881 Ellwell Drive, Milpitas, CA 95035, (408) 262-1469

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CSI 5500
Smooth optical mouse for all Amigas. Double the resolution of the standard mouse for better precision. Supports X-Windows, Amiga Unix, and Workbench 2.0. The only optical mouse available for the Amiga. No moving parts to wear out and smooth mouse movement. $149.00
Centaur Software Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213)542-9998

Genius Mouse
High-quality direct replacement. Teflon glides for smooth movement. Rubber-coated ball for positive traction. Six-foot connecting cable and softer, more positive button clicking. $49.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

• INPUT DEVICES/ TOUCH SCREENS •

Amiga Touch Driver
With the Amiga Touch Driver, users can use a touch screen for any Amiga application. Touch screen input, cursor control is as natural as pointing with one's finger. Users can select from menus, create drawings, and manipulate windows simply by touching the screen—without reaching, orientating, or clicking a mouse. $395.00
MicroTouch Systems, Inc., 55 Jonspin Road, Wilmington, MA 01887, (508) 694-9900

Future Touch 13-inch Analog RGB Monitor Touch Screen Kit
Touch driver software works with 13" touch screen to convert standard Commodore 1080, 1084, 1084S, and 1084DS monitors to touch screen monitors. The modified monitor outputs a data stream to an RS-232 connector or parallel port connector. The Amiga reads this data as mouse input. Customer must specify interface required (serial or parallel). $895.00
Future Touch, 192 Laurel Rd., E. Northport, NY 11731, (516) 757-7334

Future Touch Integrated Touch Screen Monitors
Monitors come with Touch Driver Program which works with all authoring software including: AmigaVision, VIVA, CanDo, UltraCARD, The Director, C.L.A.S., The Learning Curve, and Microtext. The monitor inputs touch information to the Amiga's RS-232 serial or parallel port. Additional serial ports for the A2000 are available. 13" RGB monitor: $1,195.00; 19" :$2,995.00 $1195.00
Future Touch, 192 Laurel Rd., E. Northport, NY 11731, (516) 757-7334

• INTEGRATED MULTIMEDIA SYSTEMS •

Future Touch Integrated Desktop Kiosk
Future Touch Desktop Kiosk provides low cost, stand-alone workstation for computer-based training, and other interactive multimedia applications. Kiosk contains fan, surge protector, wiring harnesses, A3000-16 MHz with 5 meg RAM, 3.5-inch Floppy, 50 meg Hard Drive, A2300 Genlock, 13-inch Color Touchscreen Monitor, and Pioneer LDV-2000 Laser Disc Player. AmigaVision, diagnostic software, touchscreen driver, and laser player driver are included free. $6645.00
Future Touch, 192 Laurel Rd., E. Northport, NY 11731, (516) 757-7334

Future Touch Integrated Public Information Kiosk
Future Touch offers the lowest cost implementation of a fully configured stand-alone, interactive, and multimedia kiosks. Seven foot high public information kiosk contains fan, surge protector, wire harnesses, A3000-16 MHz with 5 meg RAM, 3.5-inch Floppy, 50 meg hard drive, A2300 Genlock, 19-inch Color Touchscreen Monitor, Pioneer LDV-2000 Laser Disc Player, and coupon dispenser. AmigaVision diagnostic software, touchscreen driver, and laser player driver are included free. $7145.00
Future Touch, 192 Laurel Rd., E. Northport, NY 11731, (516) 757-7334

MISCELLANEOUS HARDWARE

• MODEMS •

1670 Stand-Alone Interface
Our 1670 Stand-Alone Interface allows you to use the Commodore 1670 modem on all Amiga machines. Powers itself and 1670, has 3-foot cable, status LED's, on/off switch, and modem reset switch. Can be used on any computer that has RS-232 serial port. The 1670 Stand-Alone Interface comes with complete instructions and is easy to set up and use. $44.95
LRA Enterprises, 35615 Avenue D, Yucaipa, CA 92399, (714) 797-6867

9600 Baud Bandit External Modem
9600 baud external modem, 100% Hayes-compatible. Price TBA.
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

9600 Baud Bandit Internal Modem
9600 baud internal modem for Amiga 2000's and 3000's. 100% Hayes-compatible. V.32 protocol. Price TBA.
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

A1680
1200 baud modem. Access valuable information outside your workstation with the MODEM/1200 RS. Uses the popular Hayes command protocol to perform high-speed data communication over phone lines. Tap all major information networks to gather nearly limitless amounts of information. Supports standard RS232C interface so that it can be used with most computers on the market that offer a RS232 serial port. Offers the option of low-speed compatibility with all Bell 103, 300 baud modems. $149.95
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

Avatex 1200 E
Fully Hayes-compatible 300/1200 baud modem. Includes communications software. $69.00
Megatronics, 1094 N. Main Street, Logan, UT 84321, (800) 232-6342

Avatex 2400 E
300/1200/2400 fully Hayes-compatible modem. Includes communications software. $119.00
Megatronics, 1094 N. Main Street, Logan, UT 84321, (800) 232-6342

Baud Bandit 2400
2400 baud, fully Hayes AT-compatible modem. Has fully worded LED readout panel and privacy circuitry shielding. Sleek, black exterior design. $169.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

Baud Bandit MNP/Level 5 Plus
Advanced 2400 baud modem with 100% error-free transmission. MNP/Level 5 compression technology doubles transfer rate up to 4800 baud. $199.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

DataLink 2000
Internal 2400 bps modem for the Amiga 2000, 2500, and 3000. You can start with the base unit and upgrade later to add MNP-5 and send-FAX capability. Supports multitasking so that more than one modem can be running in the same machine simultaneously. Comes complete with communication software. 5-year warranty. DataLink 2000 $159.00. With MNP-5 $189.00. Send-FAX option $39.00.
Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060

DataLink Express
External 2400 bps modem for all Amiga owners. Features a complete 12 lamp status array and our exclusive Line Engaged indicator, politely informing you that another user is on the line. The modem can be upgraded to include MNP-5 and send-FAX capability. Works with almost any computer including the entire Amiga line. Powerful communications software included plus a 5-year warranty. $249.00 With MNP-5 $299.00.
Applied Engineering, P.O. Box 5100, Carrollton, TX 75011, (214) 241-6060

Minimodem-AM24
2400 baud modem specifically built for A500 and A2000. Powered from Amiga serial port and includes self test, speaker, and status LED's. Complete with terminal software, phone cord, and serial cable. $99.95
APROTEK, 9323 West Evans Creek Road, Rogue River, OR 97537, (503) 582-2120

Minimodem-AM6216
300/1200 baud modem includes speaker with volume control and status indicator LED's. Hayes-compatible with terminal software. $79.95
APROTEK, 9323 West Evans Creek Road, Rogue River, OR 97537, (503) 582-2120

Supra Modem 2400
2400 baud modem. Hayes-compatible with AT commands and common protocols. Features nonvolatile memory, and more. $149.95
Supra Corporation, 1133 Commercial Way, Albany, OR 97321, (800) 727-8772

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Supra Modem 2400 zi
Internal 1/2 card 2400 baud modem for A2000. Hayes-compatible. Features non-volatile memory, and more. Supports up to 5 modems per computer. $179.95
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• MONITORS •

A1084S Monitor
RGB composite color maximizes your computer's video capabilities. High resolution, sharp image, superior color, and stereo sound. Compatible with C64, C128, A500 and A2000. Also compatible with VCR and television tuners. Hue, brightness, contrast, sharpness, and volume controls in front. RGB Composite switch in front. Built-in stereo amplifier, speaker, and earphone jack. Analog RGB, Digital RGBI, NTSC composite, audio, and Separate Luna/Chroma. $399.95
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Non Flicker Cable for any Amiga
Cable for use with any TTL Hercules Monitor with the Amiga (with B/W mode). Allows one to use, A-Max with the Amiga without flickering. Also allows use of full-page B/W multisync. $39.50
Pre'spect Technics Inc., PO Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483
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PanaSync C1381
The Panasonic PanaSync C1381 offers the high-resolution color display of IBM's 8514/A video adaptor. Panasonic has aggressively positioned the PanaSync C1381 to provide business users with the industry. Features include: up-front controls, non-glare screen, and tilt-and-swivel stand. $699.00
Panasonic Communications & Systems Company , Two Panasonic Way, Secaucus, NJ 07094

Viking I
The Viking I monitor from Moniterm is a specialized high-resolution monitor. The Viking I will display all standard Amiga resolutions by de-interlacing and converting them to four shades of grey. In the extended mode, the 19-inch monitor will display a 1008 x 800 non-interlaced resolution. Included with the Viking I is a card for the A2000 series video slot. The monitor will also display from the new Commodore Enhanced Chip Set. The Viking 1 for the A2000 targets business and professional

users for desktop publishing, CAD/CAM engineering workstations, presentation, and spreadsheet applications. This display permits two full facing pages of text and graphics for desktop publishing, word processing, and B size drawings. $1995.00
Moniterm, 5740 Green Circle Drive, Minnetonka, MN 55343, (612) 935-4151

• MONITOR ACCESSORIES •

Air TTL Hi-Res monochrome TTL monitor interface
Use a standard and inexpensive monochrome TTL monitor on the Amiga. Excellent for word processing and desktop publishing. $49.95
Advanced Integration Research, 3006 North Main Street, Logan, UT 84321, (801) 752-2501

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MicroWay, P. O. Box 79, Kingston, MA 02364, (508) 746-7341
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Flicker Master
Flicker Master is a low-cost optical filter that attaches easily to the face of your monitor and greatly reduces the interlace flicker. Flicker Master works with all Amiga models and also greatly enhances contrast in all resolutions. $17.95
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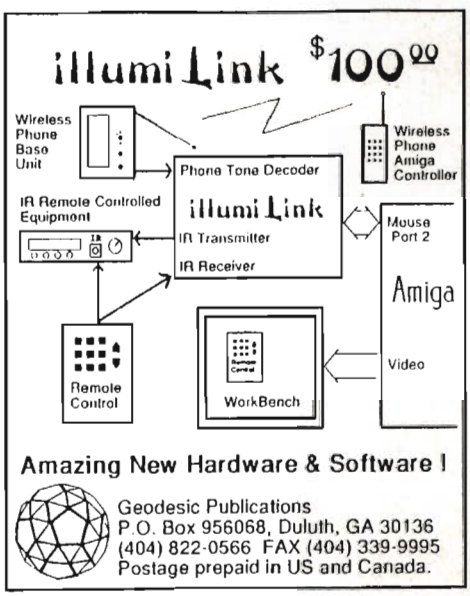

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NoRad dB60
Anti-glare/static/radiation filter grounded filter reduces flicker in high-resolution or interlace mode. Grounded for full elimination of static and electromagnetic radiation. Won't attract dust or reflect light. Easy maintenance. $129.95
Brookfield Communications, 3820 Griffith View Drive, Los Angeles, CA 90039, (800) 533-dB60

ProfessionalPlus
Glare/Guard filters are especially suited for data entry and editing terminals, color and monochrome graphics monitors, word-processing stations and personal computers, the top-of-the-line ProfessionalPlus model has OCLI's patented anti-glare coating on both sides of the glass to reduce glare by 99 percent. Also features radiation and static control. A special conductive coating and grounding plug eliminates static and dust. The filter also shields against VLF/ELF radiation by neutralizing 98 percent or more of the electric field. Sizes are available to fit Commodore model numbers 1080 and 1084S models. $99.00
Optical Coating Laboratory, Inc., 2789 Northpoint Parkway, Santa Rosa, CA 95407-7397, (707)525-7526

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The Vantage, also made of tempered glass, but without the anti-glare coating on the back surface of the glass or the conductive coating, reduces glare up to 95 percent. In addition, it enhances contrast, sharpens data on the screen, reduces the halo effect, and eliminates screen flicker. The Vantage has sizes to fit Commodore model numbers 1080 and 1084S. $59.00
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• NETWORKING •

Amiga 2000 AmigaNet Ethernet Board
The Hydra Ethernet board for the Amiga now has a full standard Ethernet connection. All Amigas can be connected in one network and share all the resources each of the Amigas in the net can provide. Several Amigans can use a single laser printer or access a large capacity hard disk. Users can also chat to each other and exchange programs. The AmigaNet (the Ethernet on the Amiga) is as fast as the fastest hard disks on the market. In addition, the software that is supplied with the board was written by the creators of AmigaDOS and Helios. There is also an AmigaNet Starter Package available for $1,299.00. $699.00
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, +49 421 3499517

CAL 032 Superlink
A2000 interface internal plug-in card. Supplied with CatenaNet software, which provides a print spooler, access to remote files and peripherals, and interworks with SimpleNet. Price unavailable.
Nine Tiles, 25 Greenside, Waterbeach, Cambridge, England, CB5 9HW, 011-44-223-86-2125

CAL 042 Superlink
A500 interface. Plugs into expansion connector on side of A500. Supplied with CatenaNet software. Price unavailable.
Nine Tiles, 25 Greenside, Waterbeach, Cambridge, England, CB5 9HW, 011-44-223-86-2125

MISCELLANEOUS HARDWARE

DoubleTalk
A fully AppleTalk-compatible network system for all Amigas. Allows full networking with Amiga and Macintosh computers. Operates at Double speed on Amiga-only networks. Price TBA.
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

LAN Rover
High-quality and high-performance Ethernet board compatible with A2000 and A3000. LAN Rover is sold for OEM applications only.
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

• PORT EXPANSION •

5.25 880K floppy drive
A fully compatible 5.25-inch drive, allowing storage on cheap disks and easy file transfer to/from MS-DOS. Aus. $278
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Australia 5035, 011-61-8-293-8752

A2232
The A2232 is a multi-serial port card that provides the Amiga user seven additional RS232 ports. Each port can operate independently or simultaneously, and provides speeds up to 19.2K baud. Additionally, the A2232's shared on-board RAM and dedicated micro-processor provides high-speed operation and full multitasking which is critical for many of the sophisticated applications that have been developed on the Amiga. $399.00
Commodore Business Machines, 1200 Wilson Drive, West Chester, PA 19380, (215) 431-9100

ACD Serial Interface Boards 2 & 4
Fits into one of the 100-pin expansion slots. Gives you two additional serial ports for a large variety of applications. Connect several printers, plotters, and scanners to your Amiga simultaneously. Auto-config and takes only a 64K address range. Driver software and terminal program are shipped with the Serial Interface Board 2. SIB2: 299 Deutschemarks; SIB4: 349 Deutschemarks
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, +49 421 3499517

AX-S Expansion System
A hardware adaptor/interpreter that interlaces the Amiga Bus Structure/Expansion port to the PC industry's PC/XT-AT Bus standards. The AX-S Interlace Board allows the Amiga and AmigaDOS to access the boards available for the PC/XT-AT computers. For A500 and A1000 users the AX-S system connects the 86-pin expansion port to a chassis with XT and AT card slots, power supply etc. For use in the Amiga 2000 the Interpreter Board plugs into one of the Bridgeboard slots inside the A2000 computer. $695.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

BusExpander
Sub Assemblies turn a baby AT box and power supply into A2000-compatible expansion chassis. Has six Amiga slots and six to eight IBM slots. Supports autoconfigure, bus arbitration, and bus contention detection. Connects to either the A500 or A1000. $495.00
Bill's Boards, 9528 Miramar Road, Suite 181, San Diego, CA 92126, (619) 486-0908

Comports 8, RS-232 Communications Interface
Comports enables an A2000 to function as a true multitasking workstation supporting devices which work with RS-232 serial ports such as modems, laser disks, video equipment, printers, tablets, etc. The communications compatibility list includes all programs which call the Amiga's Serial Device and other programs which use the board's advanced communication features. Upgrades to support full MIDI are in Beta test.Various breakout boxes/cabling arrangements are available. $379.95
Amigo Business Computers, 192 Laurel Road, E. Northport, NY 11731, (516) 757-7334
please see display ad page 167

DEB 2000
MicroWay's DEB 2000, Denise Extender Board for the Amiga 2000 and 2500. DEB 2000 allows MicroWay's award-winning flickerFixer to operate in the Commodore Amiga without utilizing the video slot. As a result, the video slot is left free for other devices such as internal genlocks and frame buffers. $99.00
MicroWay, P. O. Box 79, Kingston, MA 02364, (508) 746-7341
please see display ad page 9

Dual Serial Board
ASDG's DSB provides a complete expansion serial port solution including compatible EXEC and DOS drivers. The DSB can be used to drive most PostScript printers at 6 times their normal serial speed. The DSB is compatible with every serial communications program tested including ATalkIII, Access, VT100, Comm, and Whap. $249.95
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

Kickstart Swap Board
Small add-in board allowing switching between two Kickstart ROMs. Switch can be mounted anywhere on case. System requirements A500, A2000. Aus. $30
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Australia 5035, 011-61-8-293-8752

Microshare MCS 1050
The MC5 1050 interface is an external device that converts the Amiga's centronics port signals into IEEE 488. No software is needed, this unit is fully transparent to the user. Now you can finally use that old Commodore printer or any other IEEE printer that was just sitting around. CDN. $204.56
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Multi Face Card
Adds 2 parallel ports and 2 serial ports to the Amiga 2000, 2500, and 3000. Runs real multitasking with all 6 Amiga ports. Comes with software and cables. $349.00
Pre'spect . 'nics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483
please see display ad page 153

Parallel Port Adapters
These adapt the 1000 to the 500/2000 parallel port and vice-versa. Separate product for each conversion. Aus. $30
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Australia 5035, 011-61-8-293-8752

Parallel Port I/O Board
Simple I/O board providing 8 logic inputs and 16 logic outputs, 8 channels of A/D conversion, 7 relay driver interfaces and prototyping space. Includes test/demo program and standard library for easy access from C, M2, etc. Aus. $160.
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Australia 5035, 011-61-8-293-8752

PrInterface
PrInterface is a cost-effective solution to the problem of where to connect a printer by adding a second centronics-compatible parallel output port to the A500, A1000, or A2000 and redirecting all printer data bound for the Amiga's parallel port to the PrInterface port. No more cable swapping, switch throwing, or digitizing noise. When it's time to digitize, the digitizer software talks directly to the digitizer. When it's time to print, the system talks to the printer through PrInterface. More than just a switch, PrInterface supports full Amiga multitasking allowing you to print while the Amiga's parallel port is in use. And PrInterface works through Preferences, assuring full compatibility with all printers supported by the system. $99.95
Interactive Video Systems, 7245 Garden Grove Blvd. Suite. E, Garden Grove, CA 92641, (714) 890-7040
please see display ad pages 16 & 17

SBX-Serial/2
Two RS 232C serial ports, a two-channel full-duplex asynchronous serial communications controller with RS 232C drivers on an IEEE 959 (iSBX) module. Complete and independent control is provided for each channel, including baud rate generation. Standard transfer rates from 110 to 76,800 baud are supported. Each channel supports a full seven wire handshaking, plus Data Carrier Detect and Ring Indicator. Comes with complete Amiga software. Requires ASDG's Twin-X board. $199.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

Serial Expander 2000
Adds an A1000-compatible serial port to the A2000. This product will be of interest to users who have upgraded from the A1000 to the A2000. It will allow them to use any of their existing serial devices designed for the A1000 (such as MIDI interface) on the A2000. $19.95
Golden Hawk Technology, 427-3 Amherst Street, Suite 389, Nashua, NH 03063, (603) 424-0269

Subsystem
Slimline box seated below 500. Can contain up to two 2000 cards, including our 8 MB memory board, and autobooting hard disk. Contains power supply which powers A500 as well as own contents. Price depends on configuration.
Phoenix Microtechnologies Pty Ltd, 18 Hampton Road, Keswich, South Australia 5035, 011-61-8-293-8752

The Serial IV+Card
Multiple-serial card with four serial ports, and one parallel port. Any of the serial ports can be used as MIDI ports with no modifications. $299.95
Expert Services, 5912 Centennial Circle, Florence, KY 41042, (606) 371-9690

The Serial Solution
Contains all the features you need for serious multiport applications. The included software drivers are compatible with the standard Amiga devices and handlers. Contains 1 Amiga-compatible 25-pin serial port which accommodates specialized Amiga peripherals like MIDI interfaces, and 1 AT-compatible 9-pin serial port that will support non-Amiga peripherals, like laser printers and FAX machines. Supports MIDI and standard baud rates. $199.00
Checkpoint Technologies, P.O. Box 2035, Manassas, VA 22110, (703) 330-5353

Twin-X General Purpose I/O Board
Full Zorro II Amiga-compatible Amiga expansion card that hosts two standard IEEE 959 modules or one double-wide IEEE 959 module. The Twin-X is a completely standard IEEE 959 host. Gives the Amiga access into applications it was previously denied. Can be used with any of the hundreds of IEEE 959 modules available, such as IEEE-488 (GPIB) or other data acquisition functions. $329.00
ASDG, Inc., 925 Stewart St., Madison, WI 53713, (608) 273-6585

• PRINTERS •

DeskJet
A 300 dpi monochrome ink jet printer. Print quality just short of laser quality. $795.00
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

BRIDGEBOARD USERS!

Don't waste money, slots, or desk space buying extra IBM-compatible or Amiga floppy drives! The **Bridge Drive Commander +** gives you direct access to all your internal and external Amiga drives from the Bridgeboard, and direct access to IBM type 360K and 720K drives from AmigaDOS. **Bridge Drive Commander +** is totally transparent and automatic. Put an IBM type disk in any drive and use it just like on any IBM compatible! Put in an Amiga disk and return to Amiga use! Just that simple, just that fast! One drive can use Amiga disks at the same time another is using IBM-compatible disks. Disks are completely usable by other Amiga and IBM-compatible computers. All hardware, no software drivers to load, no precious memory or expansion slots used up. Plugs onto motherboard at internal drive connector. (No soldering or wiring changes.) Compatible with all Bridgeboards (8088, 80286), SideCar, all accelerator boards (any 680x0), hard disks and other hardware and software.

Bridge Drive Commander + ... $ 97.50

MJ SYSTEMS
Dept 10A, 1222 Brookwood Road, Madison, WI 53711
1-800-448-4564
(24 hours MasterCard/VISA)
Product names are trademarks of their respective companies.
Circle 149 on Reader Service card.

DeskJet PLUS
An updated version of the DeskJet, offers 300 dpi monochrome, ink jet printing. This serial printer prints at 120 cps offering graphics at 1-2 minutes per page. The DeskJet PLUS offers better paper handling and faster processing than the original DeskJet. $1495.00
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

Enhanced Sharp JX-730 Printer Driver with palettes
The Amiga printer driver is for use with the Sharp JX-730 color Ink-Jet Printer. The printed output can be varied from light to dark using the density control in Preferences. Density 1 produces the lightest printout, while density 7 produces the darkest printout. This driver is internally color-corrected and no longer requires using color correction in Preferences. Colors are processed so that printed colors are better matched to screen colors (i.e., blue on screen prints as blue on paper, not as purple). Four 1.3- and 2.0-compatible drivers are included on the disk with palettes and sample pictures. Add $4.50 s & h. $45.00
GlassCanvas Productions, Inc., P.O. Box 6171, Boston, MA 02114, (617) 367-3229

Enhanced Xerox 4020 Printer Driver with palettes or pictures
The Amiga printer driver is for use with the Xerox 4020 Color Ink-jet Printer. The printed output can be varied from light to dark using density control in Preferences. Density 1 produces the lightest printout, while density 7 produces the darkest printout. This driver is internally color corrected and no longer requires using color correction in Preferences. Colors are processed so that printed colors are better matched to screen colors (i.e., blue on screen prints as blue on paper, not as purple). Three 1.3- and 2.0-compatible drivers are included on the disk with palettes and sample pictures. Add $4.50 s & h. $24.50
GlassCanvas Productions, Inc., P.O. Box 6171, Boston, MA 02114, (617) 367-3229

MISCELLANEOUS HARDWARE

KX-P4420 Laser Printer
The new KX-P4420 laser printer is a low-cost printing solution that fits the bill by combining price and performance, and represents one of the best values for the small business and home professional markets. It offers exceptional print quality, quiet operation, and speed. $1695.00
Panasonic Communications & Systems Company, Two Panasonic Way, Secaucus, NJ 07094

M.A.S.Terprint
300 dpi desktop page printer with Fujitsu engine, LED technology for increased reliability, and small footprint (only 16 1/2" x 16 1/2"). The M.A.S.Terprint also sports a dual paper feeder and is HP-PLUS-compatible. $1099.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444
please see display ad page 151

M.A.S.Terprint PS
This is the PostScript version of the page printer. It has 35 fonts and 2 meg of RAM (optional 4 meg). Additional PostScript font cartridges can be plugged into the printer. Includes AppleTalk, Centronics, and Serial Interface. M.A.S.Terprint can be upgraded to M.A.S.Terprint PS anytime — lets you save up for PostScript. $2999.00
M.A.S.T. Memory and Storage Technology, Inc., 1395 Greg Street, Sparks, NV 89431, (702) 359-0444
please see display ad page 151

PaintJet Color Graphics Printer
With a high-resolution 180 dpi, the PaintJet offers color printing for the Amiga. Near-Letter-Quality (NLQ) mode offers printing as fast as 167 cps. Amiga Workbench 1.3 supplies a printer driver. Supports all Amiga resolutions and modes. $1395.00
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

PaintJet XL
Similar to the PaintJet Color Graphics but offers printing three times as fast. Also allows single sheet feed as well as tractor feed and paper sizes up to 11 x 17 inches. $2495.00
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

PostDriver
PostDriver gives you the choice of using either the Amiga printer device graphics output, or you can use the halftoning machinery built into the printer for higher quality output. While PostDriver enables you to use all graphics printer settings, you can also benefit from the additional setting in the PostDriver preferences tool to control the printing process. $39.00 plus s&h.
Soft Service, Inc., ElectroCity, 4th Floor, SF-20520 ÅBO, Finland

XR-1000 Multi-Font
A nine-wire 10-carriage model printer, offers extensive choice of fonts including Courier, Script, Sans Serif, Letter G, Cinema, and others. Incorporates the Epson EX-800 and the IBM Proprinter II emulations. Prints at 300 characters per second in draft elite mode and 75 cps in NLQ elite mode. Features standard 32K buffer which enables storage of up to 16 pages. Users can select fonts, print quality, pitch, condensed print, italic, optional sheet feeder, quiet mode, and many more options. It can produce multicolor output using an optional color-printing kit offered for $50.00. $579.00
Star Micronics Inc., 200 Park Avenue, Suite 3510, New York, NY 10166, (212) 986-6770

XR-1500 Multi-Font
A nine-wire 15-carriage model printer, offers extensive choice of fonts including Courier, Script, Sans Serif, Letter G, Cinema, and others. Incorporates the Epson EX-1000 and the IBM Proprinter IIXL emulations. Prints at 300 characters per second in draft elite mode and 75 cps in NLQ elite mode. Features standard 32K buffer which enables storage of up to 16 pages. Users can select fonts, print quality, pitch, condensed print, italic, optional sheet feeder, quiet mode plus many more options. It can produce multicolor output using an optional color-printing kit offered for $50.00. $799.00
Star Micronics Inc., 200 Park Avenue, Suite 3510, New York, NY 10166, (212) 986-6770

• PRINTER/BUFFERS •

Microshare MCS 8004/MCS 8008
The MCS 8004 and the MCS 8008 are multi-use printer buffers and spooler combinations. They allow up to four or eight transparent sharing of a printer device even if the computers are of different makes. US $795.00, Canadian $995.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

PP-256K Printer Buffer
256K Buffer. Frees the computer from time-consuming printing. Prints multiple copies without the computer. Cuts graphics printing by 70% or more. 4 KB/second throughput. LED indicator, reset function, bypass mode, and automatic memory sizing. one-year warranty. $149.95
Micro R & D, Division of Applied Technologies, 137 N. 7th Street, Loup City, NE 68853, (308) 745-1243

• PRINTER/LASER •

LaserJet IIP
Four-page per minute, low-cost laser printer. Extremely small footprint. $1495.00
Hewlett-Packard Company, 16399 W. Bernardo Drive, San Diego, CA 92127-1899, (619) 592-4676

PC Laser 6000/PS
This versatile printer offers Hewlett-Packard's LaserJet Series II emulation. In Postscript mode, users can produce newsletters, brochures, presentation material, computer-aided design, and other highly formatted text and graphic output, compatible with many popular software packages. With its parallel, RS-232C serial and RS-422 (Appletalk) interfaces, the PC LASER 6000/PS is compatible with IBM personal computers and compatibles as well as Apple and Macintosh computers. It prints full-page bit-mapped text and graphics at 300 dpi, and features 35 typefaces in 11 fonts for use in the PostScript mode. In HP mode, 24 standard HP fonts are resident on the printer and additional HP soft fonts can be downloaded. $4495.00
Ricoh Corporation, Five Dedrick Place, West Caldwell, NJ 07006, (201) 882-2000

• PRINTER/INKS •

Ink-Jet Ink
Ultra-Black ink in a monopack disposable Maxwell dispenser provides the user with a handy and very easy-to-use alternative. Available in two-pack and four-pack sets, or bundled with the other Jet Technology colors: magenta, cyan, and yellow. 5 ml cartridge: $5.50; 60.0 ml bottle: $40.00
Jet Technology, 16 Pembroke Road, Weston, MA 02193, (617) 239-8383

Inky Dink
Ink-jet ink for the Xerox 4020 printer and Diablo C-150. Smooth flowing through your printer to reduce clogging. Four colors: cyan, magenta, black, and yellow. Call company for other available products.
Software Sensations, P.O. Box 2414, Beverly Hills, CA 90213, (213) 277-8272

• SCANNERS & DIGITIZERS •

300 DPI Scanner
Saves images as B/W IFF files at 75, 150, 200, or 300 dpi. Saves in 15 seconds. User-definable scanned page regions for hi-res use. Programs can be used in any IFF-supporting program, allowing you to color images in paint programs like DeluxePaint II, or import them into Professional Page or Professional Draw. Comes with parallel port hardware and software interface. $1095.00
Gold Disk, Inc., 5155 Spectrum Way, Unit 5, Mississauga Ontario, Canada L4W 5A1, (416) 602-4000

Digi-View 4.0
NewTek's new dynamic palette control allows all 4096 colors to be displayed in high resolution with overscan, thus providing sharper HAM images and virtually eliminating HAM fringing. The LBJ technology allows the user to selectively filter

background noise from the video signal for sharper, clearer images. Digi-View 4.0 supports ARexx. New Digi-Port feature allows captured images to be displayed directly into Digi-Paint 3, and resolutions may be changed from inside Digi-View 4.0. 24-bit RGB files may be loaded and saved for further image processing or exporting to typesetters or frame buffers. Many more enhancements have been added to Digi-View 4.0, allowing you to create images with ease. $199.95
NewTek, 215 E. 8th St., Topeka, KS 66603, (913) 354-1146

Geniscan Handy Scanner
Hand scanner with 400-dpi resolution and 4 1/8-inch width. Adjustable switches for brightness and contrast. Software is compatible with most leading software packages. $299.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

Handiscan
400-dpi disk top scanner for the complete line of Amiga computers up to 16 grey levels and 3 optional dithering patterns. $349.95
Corwyn International, 977 Seminole Trail Suite 275, Charlottesville, VA 22901, (800) 542-8505

Migraph Handscanner and Touch-Up
This hardware-software team lets you scan, and enhance images until they're exactly right for all your desktop publishing projects. Scanner features: 4 scan window, 100, 200, true 300 and 400 dpi resolutions, adjustable contrast, three dither settings for halftones and one for line art. Software has all the standard features plus lots of special effects, Bezier curves, and scalable fonts. Price unavailable.
Migraph, Inc., 200 S 333rd #220, Federal Way, WA 98003, (206)838-4677
please see display ad page 181

Sharp JX-100
One of the smallest color scanners in the world. Scans an area of 4 x 6.4 at 200 DPI, and will do black and white, gray scale, and color scanning for high-quality desktop publishing. Sold by Sharp Electronics, the software is written by ASDG, Inc. Software will process 18-bit color scans into any Amiga format. No additional hardware required. Directly supports all display modes, overscan, and PAL. $995.00
ASDG/Sharp Electronics, 925 Stewart St., Madison, WI 53713, (608)273-6585

Sharp JX-300
Scans originals up to 8.5" x 11" with a 300 dpi resolution. This 24-bit color scanner is intended for most business and some high-end applications. Requires Professional ScanLab. $2995.00
ASDG/Sharp Electronics, 925 Stewart St., Madison, WI 53713, (608)273-6585

Sharp JX-450
Sharp's color scanner for desktop publishing, slide creation, and other areas demanding high-end image processing. Easy operating, high-quality desktop full color scanner. Provides the precision quality scanning of a console from a desktop. 300 dpi resolution capacity ensures accurate, detailed images. Scanning of slides and transparencies available with optional mirror. Scanning capacity up to 11" x 17". Requires Professional ScanLab. $6995.00
ASDG/Sharp Electronics, 925 Stewart St., Madison, WI 53713, (608)273-6585

• SCIENTIFIC DIGITIZERS AND CONTROLLERS •

AQ4882A
The AQ4882A is a full function IEEE-488 (HPIB & GPIB) adapter for the A500, A1000, and A2000 computers. It connects to the Amiga's parallel port and performs all talker, listener, and controller functions. This allows the Amiga to control up to 14 devices, or act as a device in a larger system. Includes drivers for AmigaBASIC, C, and Assembly languages. $295.00
A.D.I., 3514 Olive Street, Huntington Park, CA 90255, (213) 581-1188

Ameega_GPIB
Ameega_GPIB is a General Purpose Interface Bus card for the Amiga series. This half-length expansion card performs all of the talker, listener, and controller functions of the GPIB (IEEE-488) protocol. One Amiga can simultaneously control up to 14 of the thousands of GPIB devices on the market. Included is the Command Function Library (ACDA GPIB CFL), which is Manx and Lattice compatible, test application programs and 'C' driver. Now you can control GPIB devices in an intuitive and friendly way using screen buttons, menus, and the mouse. $495.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

Data Acquisition Unit
Turns your Amiga into a sophisticated digital storage scope. Measure & display inputs from millivolts to 50 volts with 1 MHz bandwidth. Display events from microseconds to hours. $179.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

DataStation
The DataStation features a 16-channel 12-plexed bit multiplexed Analog (D/A) converters, 32 Digital Input-Output (DIO) channels and 3 independent counter-timer channels. DataStation also features a highly stable instrumentation amplifier with programmable gain (optional), multiple triggering sources, and on-board digital waveform generation. Data acquisition and process control projects are a snap to develop with the DataStation Data Acquisition System (DAS) software and 'C' source code. Sample application programs and sources are included for each of the DataStation functions. The DataStation includes complete documentation. Price: configurations from $475.00 to $1450.00
ACDA Corporation, 220 Belle Meade Ave., Setauket, NY 11733, (516) 689-7722

MW-201
General purpose INPUT/OUTPUT card with RS-232 interface. Digitizes 16 analog inputs, provides 14 high-current digital outputs, and one analog output. Uses 6511Q microprocessor and built-in intelligent user interface. $365.00
Electronic Innovations, 3107 W. Hampden Ave., Englewood, CO 80110, (303) 789-0424

SBX-GPIB
Complete IEEE 488 controller on an IEEE 959 module. Handles all IEEE 488 1975/1978 functions and the IEEE 488A 1980 supplement. Supports all talker/listener/controller functions including multiple functions and passing with passing of control. Comes with support software. $199.00
ASDG/Sharp Electronics, 925 Stewart St., Madison, WI 53713, (608)273-6585

• SOUND AND MUSIC DIGITIZERS •

AMAS
AMAS is a full-featured 8-bit stereo audio digitizer complete with a full implementation MIDI interface. The digitizer accepts mono or stereo inputs via its line input sockets and is equipped with an extra microphone input socket for direct vocal signal input. $169.95
MichTron, 3285 Lapeer Road, West, Auburn Mills, MI 48057, (313) 377-8898

FutureSound
Audio digitizer with microphone and editing software. $175.00
Applied Visions, 1 Kendall Square, Suite 2200, Cambridge, MA 02139, (617) 494-5417

Perfect Sound 3.0
Use your stereo or a microphone to record your sound in mono or stereo, then use the sound editor to modify the sound. Delete, insert, and play them backwards, faster or slower, graph or flip record sound. Comes with a library of pre-recorded sounds and C source code. Supports IFF file format and instruments. New version 3.0 includes new software and hardware. English, German, and French versions available. $99.95
Sun Rize Industries, 270 E. Main Street, Suite C, Los Gatos, CA 95032, (408) 354-3488

Perfect Sound 3.0 Adaptor
Adaptor that allows Perfect Sound 3.0 to be used on an Amiga 1000. $12.95
Sun Rize Industries, 270 E. Main Street, Suite C, Los Gatos, CA 95032, (408) 354-3488

MISCELLANEOUS HARDWARE

Pro Stereo Sound Sampler
High-quality stereo sound at a realistic price. Real-time level meters. Adjustable trigger level. Hi-res sample editing. Variable sample rate and playback. $99.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

Pro-Sound Designer—Gold Edition
Professional sound sampler for the Amiga. Easy interface allows capture, manipulation, and playback of real sounds. Features include: automatic gain control; advanced editing; octave and frequency changes; auto-record and play; looping; and more. Includes MIDI-plus software to let you play back samples recorded with Pro-Sound and lets you play them back on the Amiga or MIDI keyboard as an instrument voice. Allows up to 10 samples at one time in memory, and offers full control over each sample. $159.95
Precision Software, Inc., 8404 Sterling St., Suite A, Irving, TX 75063, (214) 929-4888

SoundScape Sound Sampler
Digitize microphone/audio input to produce sampled sounds in Mimetics or IFF format. $99.95
Mimetics Corporation, P. O. Box 1560, Cupertino, CA 95015, (408) 741-0117

• SOUND AND MUSIC GENERAL •

MidiA Musicbox
The Musicbox is a 26-voice synthesizer designed to be used as part of a computer-based music system. It matches the color of the computer and easily fits under a monitor. The Musicbox has three synthesis 'engines': FM synthesis (12 voices), Analog synthesis (6 voices), and PCM Sample Playback (8 voices). There are 480 FM and 480 Analog patches, and 37 percussion samples. Half of the FM and Analog patches are editable through software. The Musicbox instantaneously allocates voices to channels. The 32 Doubles allow the user to combine any to patches at any pitch and velocity offset and treat it as a single patch. The Musicbox stores four drum kits or mapping of external sounds. The built-in computer interface eliminates the need for an external MIDI interface. $995.00
Marquis Music , 144 Front St. W Suite. 460, Toronto, Ontario., Canada M5J 2L7, (416) 595-5498

MindLight 7
Combined with Visual Aurals I graphic arts software, this generates real-time animated graphics that derive their energy from any music or other audio source. Music affects the color, movement, object shapes, and patterns in a number of different ways. Can be combined with any IFF picture in any resolution or any IFF brush. Also combines with LIVE! by A-Squared. Includes an oscilloscope and a frequency counter for analyzing, and a MIDI player and recorder which accepts IFF music files or files compatible with Dr. T's music software. $198.00
Visual Aural Animation, P. O. Box 4898, Arcata, CA 95521, (707) 822-4800

• SOUND AND MUSIC MIDI INTERFACES •

AudioLink
AudioLink is a professional 16-bit linear stereo audio processor that boasts 16 voices (8 in stereo), a variable sound sampling rate of up to 50 KHz (100 KHz 2x over sampling in mono), up to 16 megs on-board, and MIDI. AudioLink comes bundled with sound editing software with features such as real-time playback, crossfading, and cut, copy, and paste between voices. Invert, reverse, looping, and variable left and right gain. Saves in multiple formats such as AIFF and SAMP formats. For all models of the Commodore Amiga. Price TBA.
Beta Unlimited, 87 Summit Street, Brooklyn, NY 11231, (718) 852-8646
please see display ad page 59

ECE MIDI 1000
Music instrument digital interface. Plugs into the serial port, communicates with MIDI-compatible musical instruments and equipment. Includes RS-232 bypass port. $64.95
Amazing Computers, 1441 E. Fletcher Ave. Suite. 1450, Tampa, FL 33612, (813) 977-6511

ECE MIDI 500/2000
Musical instrument digital interface. Plugs into the serial port, communicates with MIDI-compatible musical instruments and equipment. Includes RS-232 bypass port. $64.95
Amazing Computers, 1441 E. Fletcher Ave. Suite. 1450, Tampa, FL 33612, (813) 977-6511

IllumiLink 1.0
A small box that plugs into the second mouse port containing an infrared receiver, transmitter, and a phone jack for a wireless telephone. The phone becomes a remote Amiga mouse/command center for live multimedia presentations. AIR software allows one to create pop-up Amiga screen duplicates of any IR remote controller. Hot-key control of IR commands. Control A/V equipment in other rooms using the external IR LED output jack. Extensive ARexx programming system provides interface to a profusion of Amiga applications. Includes MIDISynergy III and support for video frame control. $27.00
Geodesic Publications, P. O. Box 956068, Duluth, GA 30136, (404) 822-0566
please see display ad page 185

MIDI 1000
A1000 MIDI interface. MIDI IN and OUT. Connects to serial port. $49.95
Mimetics Corporation, P. O. Box 1560. Cupertino, CA 95015, (408) 741-0117

MIDI 500/2000
A500, 2000. MIDI interface. MIDI IN and OUT. Connects to serial port. $49.95
Mimetics Corporation, P. O. Box 1560, Cupertino, CA 95015, (408) 741-0117

MIDI Gold 500
Musical instrument digital interface (MIDI) for the A500. Features: MIDI IN; 2 MIDI OUT's; MIDI OUT/THRU (switch-selectable), Serial pass-through allows other serial devices to be connected at the same time (switch-selectable MIDI or serial operation). Compact size allows the interface to be connected directly to serial port (no cable required). All metal construction. two-year warranty. $79.95
Golden Hawk Technology, 427-3 Amherst Street, Suite 389, Nashua, NH 03063. (603) 424-0269

MIDI Gold Insider
Musical instrument digital interface (MIDI) for the A2000. Mounits internally without using a card slot. Features: MIDI IN; 2 MIDI OUT's; MIDI THRU; Serial pass-through allows other serial devices to be connected at the same time (switch-selectable MIDI or serial operation). All metal construction. Two-year warranty. $89.95
Golden Hawk Technology, 427-3 Amherst Street, Suite 389, Nashua, NH 03063, (603) 424-0269

MIDI Transport
The MIDI Transport is Passport's professional MIDI interface and synchronizer. The newly improved unit syncs solidly to SMPTE or FSK signals on tape. The unit will operate both as a MIDI interface or as a stand-alone MIDI/SMPTE synchronizer. The MIDI Transport is designed in a professional recording environment with multiple MIDI instruments and tape. It can sync to all SMPTE formats or its own variable rate FSK signal, and is compatible with Jim Cooper's PPS-1. Its dual MIDI ports and multiple MIDI outs make it ideal for controlling multiple MIDI devices. The MIDI Transport will run with most existing MIDI software packages. For SMPTE sync you can use software such as PRO 4, Master Tracks Pro, and Q Sheet that incorporate MIDI Time Code. MIDI Time Code is a new MIDI innovation that lets you express SMPTE information and MIDI messages. It will also support most other software products that sync via MIDI Song Pointer and Direct Time Lock. $459.00
Passport Designs, Inc., 625 Miramontes Street, Half Moon Bay, CA 94019, (415) 726-0280

MIDI for the Amiga 500
Standard MIDI IN, 2 MIDI OUT, and MIDI thru for the A500. Plugs into RS 232 port. $49.95
Skyles Electric Works, 231E South Whisman Road, Mountain View, CA 94041, (800) 227-9998

MIDI for the Amiga 1000
Standard MIDI IN, 2 MIDI OUTs, and MIDI THRU plugs into RS-232 port. $49.95
Skyles Electric Works, 231E South Whisman Road, Mountain View, CA 94041, (800) 227-9998

MIDI for the Amiga 2000
Standard MIDI IN, 2 MIDI OUT, and MIDI thru for the A2000. Plugs into RS 232 port. $49.95
Skyles Electric Works, 231E South Whisman Road, Mountain View, CA 94041, (800) 227-9998

MIDI-STAR, the Professional MIDI Interface
MS2 X 6 for all Amigas features 2 MIDI IN's with switch control and LED status indicators, 6 MIDI OUT/OFF/THRU's each with switch control and multi-color LED status confirmation, Amiga RS-232 serial interface with pass through, and 2 separate selectable operational modes. Amiga RS-232 operates in both modes and has a durable, heavy metal chassis with a special sloped console design for easy operator access to switches and LED's. $263.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

Midimaster
MIDI Interface for all Amigas. Compatible with all leading software. Has MIDI In, MIDI Thru, and 3 MIDI Out ports. Fully opto-isolated. $59.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

Model A Interface
MIDI interface for the A500 and A2000. $75.00
Dr. T's Music Software, Inc., 220 Boylston St. #306, Boston, MA 02167, (617) 244-6954

Standard MIDI Interface
Our new standard MIDI interface is designed for high performance and maximum reliability with an IN, THRU, and 2 OUTS. Canadian: $79.95. US $64.95
Pro-Tronic Systems Ltd., 720 -6th Street, #227, New Westminster, B.C., Canada V3L 3C5, (604) 290-1631

Trax
Trax is a complete personal MIDI recording studio on a disk. With Trax, you can compose, edit, and playback multi-track recordings of any music imaginable, in your office, classroom, or living room. Trax can get you started in the world of MIDI in a clear and organized way. Its Track Sheet lets you record up to 64 different tracks, live or step by step. Compose and arrange music for anything form a solo performance to a complete orchestra. Add music to multimedia performances or for your own personal use. MIDI is the 'Musical Instrument Digital Interface'. In combination with MIDI instruments and controllers and your personal computer, Trax offers you a whole new world of music making. If you ever wanted to record songs, or be a music producer, now is your chance. Trax is as easy to operate as a tape recorder but offers so much more. On-screen play, record, fast forward, and rewind controls move you through the song. On-screen graphics display song, track, and note information. View the song and see the different parts in time. Zoom in and out to edit. Trax supports Standard MIDI Files and Master Tracks Pro files. These file formats provide a wide range of compatibility with other music software programs and products. Trax is compatible with virtually any MIDI synthesizer or other MIDI gear. $99.95
Passport Designs, Inc., 625 Miramontes Street, Half Moon Bay, CA 94019, (415) 726-0280

• SOUND AND MUSIC/SMPTE •

The Phantom
The Phantom consists of a hardware module that plugs into the computer's serial port and software to 'connect' the hardware to other programs. The hardware provides sync input and output jacks, as well as an auxiliary MIDI output which helps alleviate MIDI data logjams. The sync jacks can read and write all standard SMPTE formats including 24, 25, 30, and 30 non-drop frame.
Dr. T's Music Software, Inc., 220 Boylston St. #306, Boston, MA 02167, (617) 244-6954

• SWITCHERS •

6004-23
Switch Box, 2 position, D-23 connectors. Specify gender when ordering. $26.95
Benetech Electronic Supply, 1103 Royal Parkway #109, Euless, TX 76040, (817) 354-0946
please see display ad page 185

Mouse Master
Mouse Master is an innovative switch box that lets you instantly select either your mouse or joystick in Port 1. Also brings out Port 2 to make all ports easily accessible. Requires no separate power supply and comes with a non-detachable double cable that plugs directly into both ports. Custom molded in gray. $39.95
Practical Solutions, Inc., 1135 N. Jones Blvd., Tucson, AZ 85716, (602) 322-6100

• SYSTEM EXPANSION & CHASSIS •

ALF AF RLL Controller for the Amiga 2000/2500
Autobooting hard disk controller system with a full package of utilities. Runs with any RLL hard disk from the IBM world. Comes with password, check drive, FrameBackup, Backup, Runs SCSI Streamer. Runs A-Max from hard disk. Detects any accelerator board. Data transfer rate approx. 420 KB/sec.
Pre'spect Technics Inc., PO Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483
please see display ad page 153

ALF AF SCSI Controller for the Amiga 2000/2500
Autobooting hard disk controller system with a full package of utilities. Runs with any SCSI hard disk from the IBM world. Comes with password, check drive, FrameBackup, Backup, Runs SCSI Streamer. Runs A-Max from hard disk. Detects any accelerator board. Data transfer rate using 68020 approx. 780 KB/se with Quantum 40s.
Pre'spect Technics Inc., PO Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483
please see display ad page 153

Bacpac
External enclosure for tape stream and hard drive combination with power controller. $295.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

CSI 8800
Minimax-2 internal RAM expansion allows you to expand the A500 up to a total of 2.5 megabytes internally. Minimax-2 expansion board is available in four configuration levels: with 512K, 1 MB, 1.5 MB, or 2.0 MB memory; equivalent to four, eight, twelve, or sixteen inserted 514256 memory chips. Keeps your expansion slot on side free. Expansion RAM disable switch, for older software programs incompatible with extra memory. RAM-test software included. Real-time clock on board with battery backup. Amiga automatically recognizes extra memory. $179.00
Centaur Software Inc., P.O. Box 4400, Redondo Beach, CA 90278, (213)542-9998

EXP-1000
1 MB, internal RAM board for the A500, w/1 meg $429.95
Progressive Peripherals & Software, 464 Kalamath St., Denver, CO 80204, (303) 825-4144

FileRunner Streamer for use with any Amiga
External streamer subsystem for use with any Amiga 60 meg and 150 meg available. Tested with the Amiga 3000.
Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483
please see display ad page 153

MISCELLANEOUS HARDWARE

Impact EXT
GVP external hard drive case allows room for two 5.25-inch, half-height hard drives. Includes internal power supply, mounting hardware, and SCSI extension cable. $259.00
Great Valley Products, 600 Clark Avenue, King of Prussia, PA 19406, (215)337-8770
please see display ad page 7

Meta4/500 Memory Expansion Chassis
Meta4/500 is available as a RAM only expansion chassis for A500 users. This configuration places a Meta4 board in a Trumpcard 500 chassis allowing the user to add memory to the system without a hard disk drive and Trumpcard comtroller installed. A second slot is included for later installation of a Trumpcard disk controller and a hard disk drive if desired. Configurations are 512K, 1 MB, 2 MB and 4 MB $279.95
Interactive Video Systems, 7245 Garden Grove Blvd. Suite. E, Garden Grove, CA 92641, (714) 890-7040
please see display ad pages 16 & 17

MultiFunction Module
Daughterboard for the StarBoard2. Supports Motorola 68881 Math Chip as an I/O device. Provides battery-backed real-time clock; parity checking logic; and Sticky Disk hardware-protected memory disk $90.00 and up.
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

SB 2000 Adaptor
Adapts the StarBoard2 for the A2000. Low-cost adaptor card allows installation of a de-cased StarBoard2 inside the A2000. When adapted to the A2000, StarBoard2 is fully functional auto configuring memory and allows access to all the StarBoard2 multi-function options—StickyDisk, math chip, parity, or the new SCSI Module. $69.95
MicroBotics, Inc., 1251 American Parkway, Richardson, TX 75081, (214) 437-5330

SD Chassis
The SD (SCSI Device) Chassis can hold two half-height or one full-height 3.5-inch or 5.25-inch SCSI devices. The rear of the chassis sports two DB-25 SCSI connectors, a 23 CFM fan, and a power supply capable of 100VAC through 240VAC, 50 Hz to 60 Hz, and -4 AMPS at 5 Volts, 4 AMPS at 12 Volts. The chassis is painted Amiga white and its dimensions are 5" x 7" x 13". $345.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

SP 8000 for the Amiga 500
Internal RAM Expansion for the Amiga 500 runs with 2, 4, 8 meg.
Pre'spect Technics Inc., P.O. Box 670 Station H, Montreal, Quebec, Canada H3G 2M6, (514) 954-1483
please see display ad page 153

SSD Chassis
The SSD (Slim SCSI Device) Chassis can hold one half-height 3.5-inch or 5.25-inch SCSI device. The rear of the chassis sports two DB-25 SCSI connectors, and 18 CFM fan and a power supply capable of 120VAC through 240VAC, 50 Hz to 60 Hz, and -4 AMPS at 5 Volts and 4 AMPS at 12 Volts. The chassis complements the Amiga in style and color. Dimensions are 14" x 13" x 2.5". $269.00
Comspec Communications, 74 Wingold Ave., Toronto, Ontario, Canada M6B 1P5, (416) 785-3553

Subsystem 500
Two-slot expansion chassis for the A500. Uses A2000, 100-pin expansion cards. Subsystem sits under the A500, taking up no additional desk space, and adding only 1.5 inches in height. A500 keyboard is approximately same height as C64. Power supply and pass-through included. $199.00
Pacific Peripherals, P. O. Box 14575, Fremont, CA 94539

Subsystem 500D
Two-slot expansion chassis for the A500. Uses A2000, 100-pin expansion cards. Subsystem sits under the A500, taking up no additional desk space and adding only 1.5 inches in height. A500 keyboard is approximately same height as C64. Power supply and pass-through included. System includes second floppy drive (DF1) facing forward in the subsystem. Requires no additional desk space and does not reduce number of slots available. $299.00
Pacific Peripherals, P. O. Box 14575, Fremont, CA 94539

TH1000
Turbo high-rise expansion chassis. $995.00
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121. (619) 566-3911

The Surgeon
Eight-slot box for A500 and A1000. (4 slots for A2000, 1 slot for the IBM/XT, and 3 slots for the IBM/AT.) One drive bay (5.25"), includes power supply with case. $585.00
Comp-U-Save, 410 Maple Ave., Westbury, NY 11590, (800) 356-9997

ToolBox
This 2-slot expansion card cage for the A500 and A1000 allows you to use most A2000 cards on your Amiga. It accepts and powers both the Toolbox memory board and Toolbox hard card. It also accepts other A2000 cards like the bridgeboard. The ToolBox features a UL-approved 40 watt cool running (switching) power supply, pass-through, and on/off switch. $269.95
Expansion Systems, 44862 Osgood, Fremont, CA 94539, (415) 656-2890

ToolBox II TB-2521
The ToolBox II is an expansion card cage that allows the user to add 3 A2000 cards to their Amiga 500. It is a completely redesigned version of the original and very popular 2 slot ToolBox. Typically the ToolBox user adds a memory board, hard drive interface with 3.5-inch drive mounted and a bridgeboard or serial card. It comes complete with switching power supply with on/off switch. Power and hard drive activity lights on the front panel and optional fan package. The new design front dimensions are actually 25% smaller than the original 2 slot version, saving precious desk space. $279.95
Expansion Systems, 44862 Osgood, Fremont, CA 94539, (415) 656-2890

• TESTING •

EI-209
Stand-alone diagnostic cartridge for Amiga technicians. Uses LED matrix to monitor address and data lines. Also checks power supply. $425.00
Electronic Innovations, 3107 W. Hampden Ave., Englewood, CO 80110, (303) 789-0424

• TRANSPUTING •

Megalink 01 Transputer Board
Very flexible RAM configuration (from 256K to 32 MB). You can upgrade the RAM step by step according to your own personal needs. Gives you up to four transputers, each with up to 4 MB RAM and up to 60 MIPS/9MFLOPS. 1 to 4 MB with/without Link-Interface. 3699 to 6999 Deutschemarks
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, +49 421 3499517

Megalink 02 Video Transputer Board
Comes with one T800 (20, 25, or 30 MHz and 1 to 8 MB) and up to 2 MB Video RAM gives you all the colors needed for computer graphics. 800 x 600 pixels 50 Hz non-interlaced with 16.7 million colors IFF adapter and driver for popular ray-tracing packages available now! 1 MB RAM and 1 MB Video RAM. 6499 Deutschemarks
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, +49 421 3499517

Megalink 03 Transputer Board
Very flexible RAM configuration (from 256K to 32 MB). You can upgrade the RAM step by step according to your own personal needs. Includes one T800 Transputer board. 1 to 4 MB with/without Link-Interface 3699 to 6999 Deutschemarks
Advanced Computer Design, Carl Schurz-Str.11, D-2800 Bremen 1, West Germany, +49 421 3499517

The SANG Transputer Board
New dimensions in microcomputer parallel processing boards designed with 32-bit RISC parallel architecture transputers guarantee that up to 4 instructions are executed within 1 processor cycle per board. T800 chips are available at operating speeds of 20 MHz, 25 MHz, or 30 MHz. Each T800 includes 4 KB of extremely fast internal static RAM (50, 40, or 33ns cycle-time) permitting fast access of frequently used data and code without wait states. Ability to freely interconnect an unlimited number of additional transputer boards, the video graphics transputer, SANG parallel memory boards, and the INMOS B004 prototyping board. Available software development tools include Parallel C, Parallel Fortran, Parallel Pascal, Transputer-Assembler TASM 2, OCCAM compiler/server OCS, and the HELIOS operating system. For special purposes it is also possible to construct systems with hybrid structures such as pipelines or trees. Message routing algorithms can be developed for use in large networks. Price unavailable.
Digital Animation Productions, 10 Thatcher Street Suite. 116, Boston, MA 02113, (617) 720-2038

Video Graphics Transputer
High-end transputer-based graphics and video system. Provides fast hardware image manipulations such as zoom for applications ranging from computer arts and video to scientific visualization. Software-selectable resolutions range from 512 x 512 to 8192 x 8192 (max. display 1280 x 1024). High drawing speeds can be obtained by the use of either 1 or optionally 2 megabytes of dedicated video RAM accessible by both the T800 and the G300 Color Video Controller. Optional cascaded video digitizer with a resolution of 800 x 600. Graphics libraries are included. CAD software and utilities for texture mapping to wire frames available upon request. The video graphics transputer is an independent board, but linkable to the SANG transputer for the A2000 or IBM AT compatibles. Higher performance can be achieved by connecting additional SANG transputer boards. Price unavailable.
Digital Animation Productions, 10 Thatcher Street Suite. 116, Boston, MA 02113, (617) 720-2038

• MISCELLANEOUS •

200W Power Supply
POW-R 200 for A500 features replacement power supply for the A500, A500 power connector, and four AMP power connectors, fan-cooled, continuous 200 watts and selectable 110VAC/60 Hz or 110VAC/50 Hz input. The switched utility outlet can be used for a monitor or any other device. DC Out: +5V/20A, +12V/8A, -5/0.4A, and -12V/0.4A. $198.00
Spirit Technology Corp., 220 W. 2950 S., Salt Lake City, UT 84115, (800) 433-7572

BCD VideoLink—232
The VideoLink features frame-accurate location of videotape segments using BCD's Absolute Addressing code which numbers each video frame and provides a Tape I.D. number. The VideoLink's internal video/audio switcher permits one TV monitor to display composite video from either the tape or the computer. $1295.00
BCD Associates (Interactive Video Systems), 7510 North Broadway Ext. Suite 205, Oklahoma City, OK 73116, (405) 843-4574

Batt Disk for A2000
Provides a fast, nonvolatile RAM disk that you can boot from. Survives powerdown. Memory sizes range from 0K to 2 meg Battery life to exceed 2 years. Will autoboot to FFS. Hardware write-protected to prevent a crash from trashing your data. Possible uses are: Autoboot to a non-autoboot HD; put commonly used programs in Batt Disk to preserve user memory; use for development (i.e., source code in fast, Guru-safe RAM device). Call for information. $269.89
Michigan Software, 43345 Grand River, Novi, MI 48375, (313) 348-4477

Battery Backup System (BC-series)
BC-450 Battery Backup System provides 450 watts of emergency power in the event of a blackout. Surge and brownout-protected. Line/battery power indicator lights and audible alarm. Provides 34 minutes of backup at 1/2 load and 10 minutes at full load. Made in the U.S.A., two-year warranty. RFI/EMI-protected. Also available in 200 to 4000 watts, as well as LAN-specific Models. $459.00
Tripp Lite, 500 N. Orleans, Chicago, IL 60610-4188, (312) 329-1777

Blinky SCSI Device Monitor
Monitors SCSI communications bus and tells you when your Amiga talks to hard drive, tape backup system, Bernoulli box, or any SCSI device hooked to computer. Also tells you when conversations take place between various devices on the SCSI bus. LED indicators not only let you know which of your SCSI devices are communicating, but also when they are active. $74.95
CSA/Computer System Assc., 7564 Trade St., San Diego, CA 92121, (619) 566-3911

Eprommer
Eprom programmer for 2716 through 27512, 27513, 27011 for standard, A, and CMOS parts. You can read proms as well as save to disk. $149.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

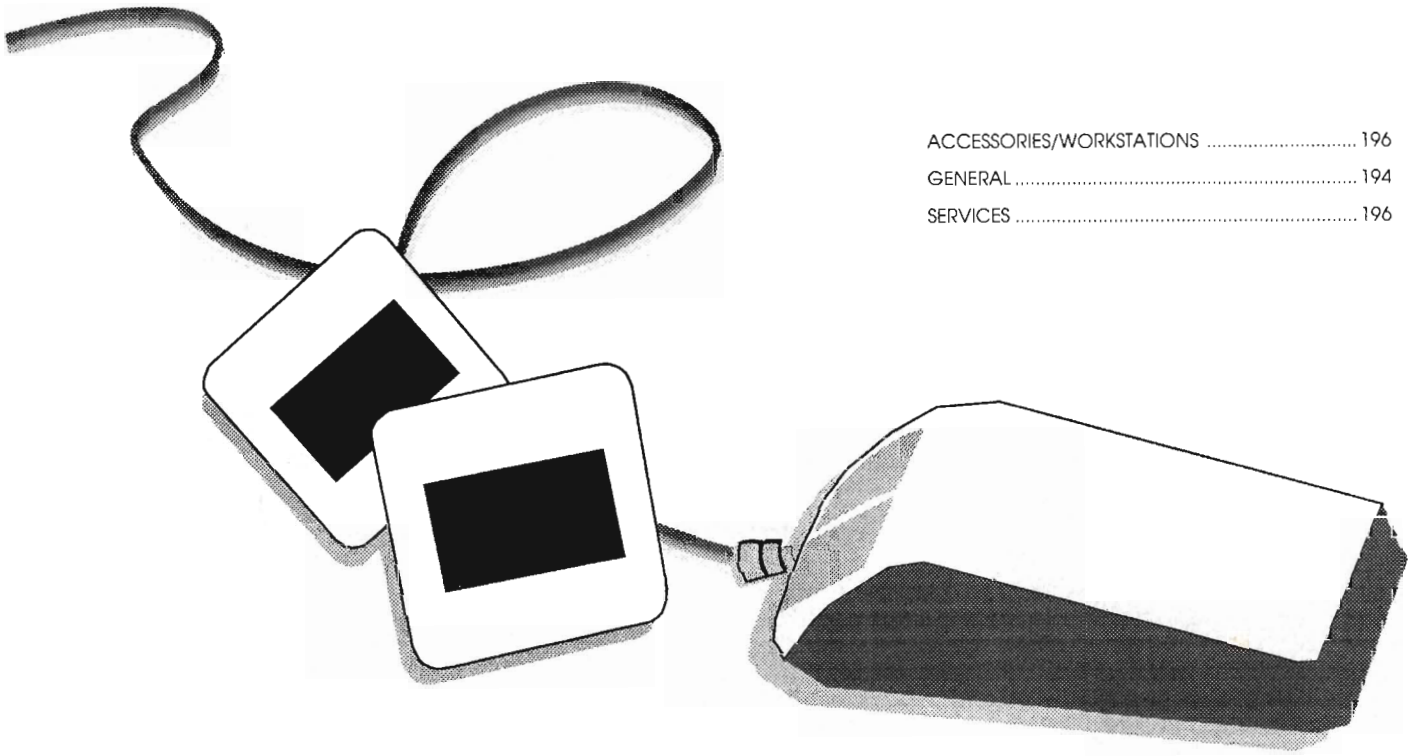
HD-150
Replacement power supply for the A500 features 150-watt power supply, short-circuit protection, internal mounted fuse, on/off switch, and a full one-year warranty. $129.95
Computers, Etc!, 4521-A Bee Ridge Road, Sarasota, FL 33583, (813) 377-1121

HD-150 DL
Replacement power supply for the A500 features 150-watt power supply, short-circuit protection, internal mounted fuse, on/off switch, three switched AC accessory outlets with their own fuses, internal cooling fan, and a 5-pin external connector. The HD-150 DL also comes with a full One-year warranty. $179.95
Computers, Etc!, 4521-A Bee Ridge Road, Sarasota, FL 33583, (813) 377-1121

Robotarm
Full-function 5-axis movement can manipulate small objects with amazing human-like dexterity. Comes with finger jaws, shovel scoop, magnetic attachment, and 2 joysticks. $89.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

TACH 25
Hardware/software system for archiving software. High speed duplication works with 2 to 4 drives. Copy up to 81 tracks. Duplicate non-Amiga formats. $89.95
Datel Computers, 3430 E. Tropicana #67, Las Vegas, NV 89121, (800) 782-9110

ACCESSORIES & SERVICES



ACCESSORIES/WORKSTATIONS 196
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• GENERAL •

12-inch Interactive Laser Checkdiscs
Future Touch provides production of laser checkdisc to CAV standard from one inch or D2 tape source within 48-hour turnaround. $300.00
Future Touch, 192 Laurel Rd., E. Northport, NY 11731, (516) 757-7334

APS - 500
Replacement power supply for the A500 computer. Specs: 5 volts at 8 amps, +12 volts at 2 amps, -12 volts at 0.5 amps with spike protection & RFI filtering $99.95
Micro-Dyn Inc., 2011 S. Washington, Wichita, KS 67214, (316) 265-2661

Action Graphics Imaging And Output Services
Full image production house that specializes in transferring multiformat images to color sliced, color photos, video, & disk. We can process computer graphics & animation, videotape, disk, and Autocad dxf files. 24-bit Amiga, Mac II, Targa, and Sun files are also available. Conversion between graphic formats available. Other services include: quality digitization from artwork & video, 3-D animation & graphics, flying logos, auto cad renderings, Chroma-key special effects, hi-res slides, single-frame animation, 35mm motion picture film recording, quality video background, and CGI. Fast turnaround, Cost-effective rates. Demotape for $20.00. Call or write for more information.
Action Graphics, 4725 Dorsey Hall Dr., Ellicott City, MD 21043, (301) 992-0749

AmiSound
AmiSound is a 3-in-1 peripheral box that provides: (a) monitor stand (raises monitor for better viewing), (b) power center (computer/peripherals plug into the back of the box; all are controlled by front-mounted lighted rocker switches and are surge-suppressed),and (c) 12 watt stereo amp (6 watts/channel, high-quality amp with separate left/right front-mounted volume controls). $99.95
AmiTech Computers, P.O. Box 65, Boystown, NE 68164, (402) 493-7852

Audio 2000
Stereo amplifier for the A2000. Features true stereo, 100% separation with front dual volume controls, and headphone jack. The main amplifier board fits in the IBM-type card slots and Works with any software. $175.00
Day's, 17538 Glen Road, Gambier, OH 43022, (614) 397-5639

Audio DC AMP
Direct coupled amplifier for positioning systems. Two outputs with 255 voltage levels. Ten turn adjust for gain and offset. Output range +5 volt. A plug-in unit for the A2000 and adaptable to the A1000 and A500. $145.95
Day's, 17538 Glen Road, Gambier, OH 43022, (614) 397-5639

BBI - Battery Backup
The BBI Battery Backup is a power control center with a standby battery unit built in. This can save countless hours of work by allowing you to save files after power loss. $499.95
Corwyn International, 977 Seminole Trail Ste. 275, Charlottesville, VA 22901, (800) 542-8505

BIGFOOT 150 Power Supply
The ultimate Amiga 500 power supply. Dual switching, fan- cooled, 150 watt. Provides five additional hard/floppy connections. Accepts AC input voltages from 90–132 or 180–269 volts at frequencies from 47 to 63 Hz. FCC, UL and C.S.A. Approved. 1-year warranty. $129.00
Micro R & D, Division of Applied Technologies, I, 137 N. 7th Street, Loup City, NE 68853, (308) 745-1243

Cables & Switch Boxes
Specialize in custom monitor cable configurations, switch box set- ups, cables for Amiga, flickerFixer, FrameGrabber, Freeze Frame,and Amiga- to- Digital monitors. Super- VHS cables, parallel & serial cables, etc.
Redmond Cable Corp, 17371 A1 NE 67th St, Redmond, WA 98052, (206) 882-2009 West

Computer Coverup, Inc.
Computer Coverup, Inc. has added more than 200 new models to its wide line of attractive clear vinyl dust covers. For further information on Computer Coverup's dust covers and other products, contact company for details.
Computer Coverup, Inc.; 2230 S. Calumet, Chicago, IL 60616, (312) 326-3000

Covergear
A new deluxe series of nylon dust covers that span virtually the entire range of computers, keyboards, printers, and monitors. Covergear is silver with coordinated blue piping. Features drawstring that secures and shapes cover snugly, a special built-in stuff sack that allows for neat, convenient storage. Water-resistant, stain-resistant and, anti-static nylon. Contact company for price quote.
Computer Coverup, Inc., 2230 S. Calumet, Chicago, IL 60616, (312) 326-3000

EYE RESolution
Monitor screen cover that virtually eliminates hi-res flicker. Attaches easily to the front of your monitor. Simple hook and hold method or high-quality super stick Velcro tabs. Improves contrast and relieves eyestrain. $14.95
MicroSearch, Inc., 9896 Southwest Freeway, Houston, TX 77074, (713) 988-2818

Great Cover-Ups
Clear, frosty, high-quality, sewn, custom dust covers for computers, printers, and most peripherals.
Great Cover-ups, P. O. Box 751, Oregon City, OR 97045, (503) 655-0602

Interactive Laser CAV Masterdiscs
Future Touch provides production of laser masterdisc to CAV standard from one inch or D2 tape source within 72- hour turnaround. $1845.00 12-inch Single-sided CAV Master. $9.50 each 12-inch replicated single-sided disc.
Future Touch, 192 Laurel Rd., E. Northport, NY 11731, (516) 757-7334

Interactive Laser CLV Masterdiscs
Future Touch provides production of laser masterdisc to CLV standard from one inch or D2 tape source within 72- hour turnaround. $2295.00 12-inch CLV Single-sided Master. $12.50 each 12-inch replicated single-sided disc.
Future Touch, 192 Laurel Rd., E. Northport, NY 11731, (516) 757-7334

Leather Mouse Pad
9" x 10.5", hand-made from quality leather, in three grades: high traction for precise operation, such as drawing, normal traction for normal operation, and low traction for fast movements, such as games. Provides a smooth, natural surface to extend the life of your mouse and allows you better control and ease in the operation of your mouse. $19.95
Vega Technologies, 2302 D Avenue Suite #104, National City, CA 92050, (619) 477-5887

Monitor Stand
Monitor Stand for the A500. Extra strong (solid 0.75-inch kiln dried oak or pine). Extra wide (26-inchW X 11-inch D X 5.75-inch H). It is very durable, clear, and with a satin finish. Mail orders: Pine $32.26/ Oak. $38.42/ Check, MO, MC/Visa with: number, exp. Date, signature.
CompuTerm Company, P.O. Box 77, Oakhill Road, North Bridgton, ME 04057, (207) 647-8115

MS-500 Monitor Stand
Fits over the back of the Amiga 500 to provide a place to set the monitor. Ideal for today's multimedia presentations and demonstrations. Hides all of the A500 cables and makes for a very professional display. $35.95
Micro R & D, Division of Applied Technologies, I, 137 N. 7th Street, Loup City, NE 68853, (308) 745-1243

MW-738 A500 Power Supply
Advanced dual switching design isolates the 110V AC from the computer with a heavy-duty transformer providing high-output performance, less heat build-up, and reduced risk of burnout. Output: 5V DC @ 5 amps, +12V DC @ 2 amps, and –12V DC @ .25 amps. Includes three AC outlets. $129.95
Micro R & D, Division of Applied Technologies, I, 137 N. 7th Street, Loup City, NE 68853, (308) 745-1243

Mouse Tune
Mouse Tune is a universal mouse cleaning tool for use with virtually all computer mouses.
T.S.R. Hutchinson, 110 W. Arrowdale, Houston, TX 77037, (713) 448-6143

Mouse Wash 2500
A specially designed acrylic ball that has a texture design to grab the dirt and grime build-up on the rollers without scratching them. Needs no chemicals that may damage your mouse. $7.95
T & L Products, 2654 Wilson Street, Carlsbad, CA 92008, (619) 729-4020

PS 500 Monitor Stand
Plastic stand for the A500 raises the computer and hides the cables. $49.95
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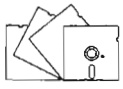

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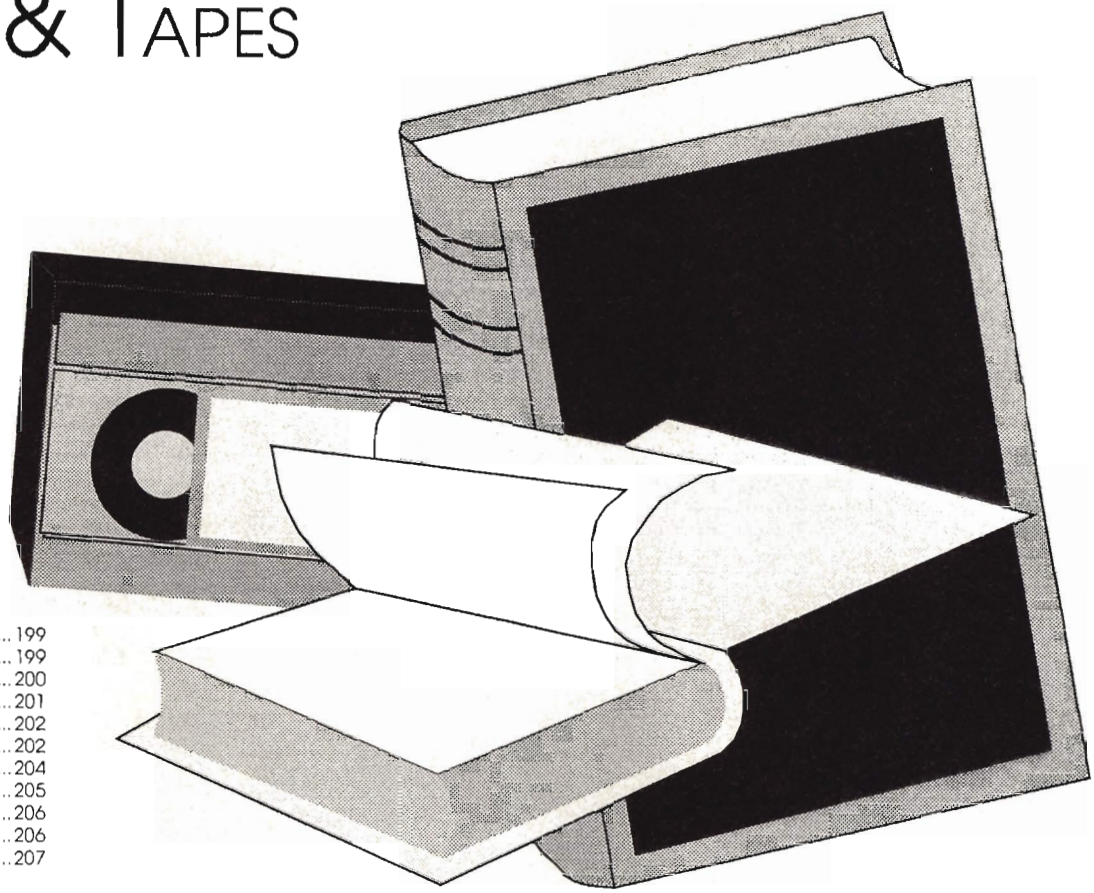

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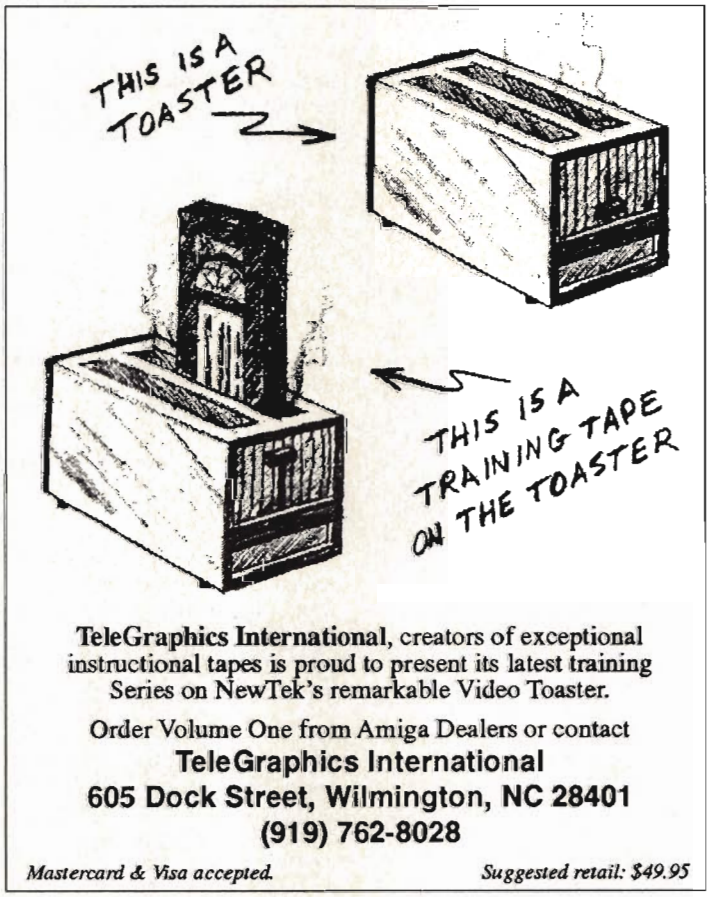

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A one-hour VHS video of tutorials, tips, and techniques. You will be guided step-by-step through DeluxePaint features including: cel and brush animation, text manipulation, 3-D perspective, and many other features. $24.95
Electronic Arts, 1820 Gateway Drive, San Mateo, CA 94404, (800) 245-4525

TeleGraphics International Tape I: Video Graphics Techniques
The first tape in a 3-tape instructional series produced totally with Amiga graphics, animations, titling, and effects by Amiga software and SuperGen genlock. Provides an excellent example of what can be done with the Amiga and video. Many examples of graphics, titling, animation, special effects, and wipes. Covers planning graphics for video applications, uses of training animations, diagrams, graphs, and charts. Sold individually, $39.95 + $1.55 s+h, or as part of a 3-tape set available for $99.50.
TeleGraphics International, 605 Dock Street, Wilmington, NC 28401, (919) 762-8028
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TeleGraphics International Tape II: Color Cycling Animation
Instructional VHS videotape, approx. 45 minutes. Basics of color cycling animation using DeluxePaint. Begins with explanation of palette and simplest cycling techniques, advances to more sophisticated techniques, and complex animations. Includes Amiga art disk full of animations used in the tape, plus other stock animated backgrounds to load and use yourself. The 2nd tape in a 3-tape series. Available individually for 39.95 or as part of a 3-tape set available for $99.50.
TeleGraphics International, 605 Dock Street, Wilmington, NC 28401, (919) 762-8028
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TeleGraphics International Tape III: Digitizing For Effect
Instructional VHS videotape, approx. 50 minutes. Covers hook-up and set-up of Amiga and NewTek's Digi-View Digitizer and Digi-Droid. Explains how digitizing works, shows examples of cameras, various equipment hook-ups plus tips on lighting, how to select good images, and applying digitized images to video production. Direct on-screen comparison of live image versus digitized HAM image and HAM versus IFF. Available individually for $39.95 + $1.55 s+h, or as part of a 3-tape set available for $99.50.
TeleGraphics International, 605 Dock Street, Wilmington, NC 28401, (919) 762-8028

TeleGraphics International Tape IV: Amiga Hard Drives,The Complete Guide
Covers available options when selecting and installing hard drives, including third-party, and Commodore controllers. Explains partitioning, formatting, and bridgeboard hard drive options too. Helps organize and customize your hard drive for special needs and also gives tips and techniques. This tape comes with a free utility/set-up 3.5 inch disk. $49.95
TeleGraphics International, 605 Dock Street, Wilmington, NC 28401, (919) 762-8028

• VIDEOTAPES/VIDEO •

Amiga Digest Video Series Tape I: Mastering Workbench and CLI
A 60- minute introduction to the Workbench and CLI environments. Included free is a brief CLI command summary and 3.5-inch disk loaded with software that helps the user make the most of the Amiga operating system. MasterCard, VISA, check, or MO
Grass Roots Video Productions, P.O. Box 10889, Burke, VA 22015, (703) 569-2652
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Amiga Digest Video Series Tape II Desktop Publishing With PageStream
A 120- minute overview of PageStream. Walks the user through two complete projects (newsletter and ad). Included free is keyboard equivalent command summary and 3.5-inch disk filled with fonts, clip art, and documents used in tutorial. Price includes UPS shipping. MC, VISA, check, or MO.
Grass Roots Video Productions, P.O. Box 10889, Burke, VA 22015, (703) 569-2652
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Amiga* Digest Video Series
Tape 1 - Mastering Workbench* and CLI*
Thorough guide includes free utility software disk and annotated summary.
Tape 2 - DeskTop Publishing with PageStream**
Walk-thru 2 projects with free font/clipart disk and keyboard command.
NEW! Tape 3 - The Power of AmigaVision*
In-depth look at this powerhouse plus free disk with example flows.
$30 each Two for $50 All Three $70
Includes UPS shipping VA res. add 4.5% tax
Orders Only: 1-800-992-GRVP
Grass Roots Video Productions
P.O. Box 10889
Burke, VA 22015
Inquiries: (703) 569-2652
Call for FREE discount coupon and Product Guide
MasterCard, VISA, Check, MO, COD
*Trademark of Commodore Business Machines
**Trademark of Soft-Logic Publishing Corporation
Circle 112 on Reader Service card.

Backgrounder: The Videotape
Broadcast-quality background on videotape to be used with Amiga to overlay graphics and titling from weddings to hi-tech industrial applications. Every background has its own distinctive music. Available tape format: 8mm video/VHS/S-VHS/3/4 U-matic and U-matic SP. Price unavailable.
Philadelphia Video Lab Inc., 338 Winding Way, Merion, PA 19066, (800) 333-0013

Digital Designs Graphics Optimizer
VHS videotape which not only provides general tips but shows you how to plan and use the animations and art from the library, in addition to the proper application of the images with genlocks in video production. Will help you to make full use of the library art. If purchased with any Digital Designs Disk Library, you will receive a valuable discount off the tape price. If all three libraries are purchased together, the tape is included free. Price unavailable.
Digital Designs, P.O. Box 593, Whiteville, NC 28472-0593, (919) 642-6295

Pro Video Gold Demo Tape
A helpful videotape that offers instruction and useful tips for operating JDK Images' Pro Video Gold. $10.00/ VHS; $20.00/ for 3/4-inch.
JDK Images/Shereff Systems, 15075 SW Koll Pkwy Ste. G, Beaverton, OR 97006, (503) 626-2022

Video Visions Titler/Wedding Set: The Video
Contains all the backdrops/objects that comprise the Titler & Wedding Set on disk. This videotape version is for those who do not have Amigas, but yearn to utilize graphics for their video productions. Contains: titler set, wedding set, videographer, titler, advertiser, broadcaster, and videomaker volumes on tape. Videomaker scenes have been added. $49.95
CV Designs, 61 Clewley Road, Medford, MA 02155, (617) 391-9224

Volume I: How To Use The Amiga For Video
A one-hour VHS videotape for beginners who have never used the Amiga. $39.95
TV One Productions, 7 Delsea Plaza, Delsea Drive, Westville, NJ 08093, (609) 848-5698

Volume II: How To Make TV Commercials With The Amiga
A VHS videotape for Amiga video enthusiasts. $199.95
TV One Productions, 7 Delsea Plaza, Delsea Drive, Westville, NJ 08093, (609) 848-5698

Volume III: How To Make Presentations & Sales Tapes With The Amiga
A VHS videotape for Amiga video enthusiasts. $199.95
TV One Productions, 7 Delsea Plaza, Delsea Drive, Westville, NJ 08093, (609) 848-5698

LAST MINUTE ADDITIONS

• 3-D UTILITIES •

Aegis Pro/Motion
Designed for use with Aegis VideoScape 3-D, Pro/Motion takes all of the guess work out of motion definition. Using a simple visual interface, design complex motions with effects such as wind, gravity, and magnetism. Position light sources and cameras exactly where you want them- on the screen! Preview motions in real-time without waiting for an animation to be rendered! Workbench 2.0 compatible. $99.95
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

• ACCELERATORS •

AdSPEED
Supercharge you Amiga with this 14.3 MHz CPU accelerator. By using a 68000 and ICD's unique Synch-switch allows changing speeds on the fly without re-booting the computer. Easy installation involves unplugging the stock CPU and plugging AdSPEED into its socket. Works in all 68000 based Amiga computers. $349.95
ICD, Inc., 1220 Rock Street, Rockford, IL 61101, (800) 373-7700

• ACCOUNTING •

Nimbus 1.4
Nimbus is the easy new accounting system for small business managers who hate to do accounting! Posting, balancing, crediting, and debiting are at hand, with sales tax management, invoice aging, and multiple companies handled with Amiga ease-of-use! Workbench 2.0 compatible. $159.95
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

• BOOKS GRAPHICS •

Amiga Graphics Reference Card
Quick reference for Amiga graphics users. 8.5" x 11" four-page card printed on glossy heavy cardstock, containing: color model diagrams, Amiga font guide, type point sizes and line widths, IFF file size tables, pixel rulers, x-y-z rotations, RGB numbers for common colors, memory used in all graphics modes, and more. $2.95
Vidia, P.O. Box 1180, Manhattan Beach, CA 90266, (213) 379-7139
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Vidia Guide to Professional Page
Complete quick reference for desktop publishing using Professional Page. Alphabet samples for all 35 standard Adobe typefaces; alphabet samples for Compugraphic typefaces; output samples of halftone fills, pattern fills, and pattern and halftone fills together at 300 and 1200dpi; line patterns; line and halftone combinations. Text samples for visualizing type and line spacing such as type size charts; line spacing; tracking; reverse type; baseline shifts, and passages of text in defferent type sizes. Also formating codes and a keyboard command reference for Professional Page. $6.95
Vidia, P.O. Box 1180, Manhattan Beach, CA 90266, (213) 379-7139
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Designing Knits on Your Home Computer
A design manual, which includes an art disk. Teaches the use of DeluxePaint for knit design.
Cochenille Computer Knit Products, Inc., P.O. Box 4276, Encinitas, CA 92024, (619) 942-1957

• BOOKS PROGRAMMING •

Amiga Programmer's Quick Reference
A time-saving quick reference for Amiga programmers working in C or assembler. Contains ANSI screen codes; ASCII table; diagram of keyboard Rawkey codes; compiler and linker flags for both Lattice (now SAS) and Manx C compilers; comprehensive synopsis of the C language, with examples; 68000-series assembly language reference; system errors (Guru meditations); and Amiga-specific #defines (such as ULONG, BYTE, etc.). $7.95
Vidia, P.O. Box 1180, Manhattan Beach, CA 90266, (213) 379-7139
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• BOOKS TUTORIALS •

Video Toaster Training Volume One
First in a series of VHS instructional tapes on NewTek's new Video Toaster. Covers the many features of the Toaster and instructs the viewer how to use these features in video production and editing. Vol. One covers hardware requirements, production switcher operation, digital effects tips and techniques, frame store application, luminance keying, and chroma effects. $49.95
Telegraphics International, 605 Dock Street, Wilmington, NC 28401, (919) 762-8028
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• CLIP ART •

Aegis Express Clip Art #1
High resolution clip art for Aegis Express Paint III. Includes over 50 patterns and background brushes of office related images, as well as borders for certificates, ads, or newsletters. $29.95
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

• DESKTOP VIDEO •

MediaProcessor Program Disk
Video post production edit decision list program. Controls video decks, camcorders, genlocks, and other devices to make video productions with titles and special effects. Requires MediaPhile Controller. $195.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545, FAX (603) 898-3606

MediaBase Program Disk
Program gives easy interactive access to audio-visual presentations created with the MediaProcessor Program. Will include a touch screen interface soon. $195.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545, FAX (603) 898-3606

MediaPhile Servers Program Disk
ARexx and custom module interfaces to popular Amiga presentation, interactive training, and database programs including Amiga Vision, The Director, and CanDo. Requires MediaPhile Controller. $195.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545, FAX (603) 898-3606

Programmer's Toolkit Disk
Control videodecks, laser and compact disc players, and other infrared controlled devices from your C-language or BASIC programs. Disk includes linking libraries and bmap files for the MediaPhile shareable library. Requires MediaPhile Controller. $195.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545, FAX (603) 898-3606

MediaPhile Utilities Disk
MediaEditor video edit decision list program controls video decks and camcorders to make video productions. MediaController icon and keyboard device control program offering animation and title recording from within many popular Amiga programs. Requires MediaPhile Controller. $80.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545, FAX (603) 898-3606

• DISK MAGAZINES •

MegaDisc Info Resource
An information resource on disk, designed to help users become more productive with their Amigas. Contains tutorials, articles, reviews, programs, hints, advice, and much more. Released every 2 months, subscriptions available. $19.95
MegaDisc, P.O. Box 759, Crows Nest, Australia 2065, (011) 61-2-9593692, FAX (011) 61-2-9593525

MegaDisc Catalogue on Disk
Full catalog on disk lists thousands of Public Domain disks and other products available from MegaDisc. Free
MegaDisc, P.O. Box 759, Crows Nest, Australia 2065, (011) 61-2-9593692, FAX (011) 61-2-9593525

Recipe FAX 2.0
A complete recipe creation/editing environment. Including allowance for individual editing and/or rearrangement for ingredients and amounts, and for procedures. But that's only the beginning. Recipe FAX has a powerful recipe list processor to facilitate serving size adjustments, Metric/US unit conversion,

shopping list creation and more. Recipes can be printed using a choice of forms. $44.95
Meggido Enterprises, 7900 Limonite Ave. Ste. G-191, Riverside, CA 92509, (714) 683-5666
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• EDUCATION MATH •

Algebra Word Problems
Even the brightest students can be baffled by word problems. Problems are made clear with these programs, since each wrong answer draws a step-by-step explanation to help students with algebraic solutions to mathematics problems. Ten programs on one disk, graded in difficulty. $45.00
Intellectual Software, Division of Queue, Inc., 338 Commerce Drive, Fairfield CT 06430, (800) 232-2224, (203) 335-0906, FAX (203) 3362481

The Math Advantage
Talking program that is ostensibly a math tutorial. It offers 10 levels of math through simple division. It has the capability of adjusting the course of study to fit the users needs. It adresses the trouble spots and enables the user to master math skills, just like having a tutor. $29.99
ISOM Softwarew, 2614 Bowling Green Drive, Vienna, VA 22180, (703) 849-1838

• EDUCATION SCIENCE •

Solar Ephemeris 2.0
Package determines the position of the sun and calculates the angles of the shadows that it casts. This information is essential to those who are involved in projects that utilize solar energy, for architects, builders, landscapers, and conservationists. A variety of printout options are provided, to satisfy the specific requirements of users. $39.95
AusTechnoCorp, c/o Moore College, King Street, Newtown NSW 2042, Australia, (011) 02-516-3723, FAX (011) 02-399-8730

• ENTERTAINMENT •

Capitalism
Time for "The Donald" to step aside, there's a new kid on the multi-million dollar block ... you! This is an exciting empire-building game, where you compete against up to 5 other players in creating the ultimate corporation. More than 3 years of research went into the business end of this incredible game. Even play via the modem, or a null-modem local connection. Choose to run your corporation in the USA, Mexico, or Europe! Combines more than 20 arcade-style sequences with intense strategy! Workbench 2.0-compatible. Available Winter 1990.
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

Stellar Conflict II
Establish galactic empires using cunning and strategy. A true role-playing game! $39.95
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

ThunderStrike
In the year 2238 TV networks and defense industries control Earth. Whoever has the highest ratings rules the world. The ultimate TV phenomenon is the military Olympics—where gladiators compete and attack enemy vessels in deadly low-flying combat. $39.95
Live Studios, 30151 Branding Iron Rd., San Juan Capistrano, CA 92675, (714) 661-8337

• FINANCE •

Real 2.0
Produce investment analysis, amortization tables with balloon and variable payments, and loan evaluations. Lease vs. buy scenarios, "what if" forcasts, tax benefits, rate of return, and multi-year forecasts are all part of this exciting package for property managers, realtors, and investors! $149.95
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

TaxBreak
Don't worry about your taxes, let TaxBreak make it easy! On-screen lookalike forms and schedules with context-sensitive help eliminate confusion, and you don't even have to write it into real form! TaxBreak prints IRS-approved forms on dot-matrix and laser printers! Workbench 2.0 compatible. $79.95
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

• GRAPHIC ARTS •

Materials Texture Library Vol. I-Stone Surfaces
A collection of high resolution (704 X 480 pixels) HAM images depicting a variety of quality stone textures and types. These images are designed for quality results when used as IFF brush mapping of 3-D objects in many popular 3-D rendering and paint programs (Turbo Silver or Scult 4-D). The images can also be easily used as backgrounds for video applications.
Retail at $39.95
MicroSearch, Inc. 9896 Southwest Freeway, Houston, Texas 77074 (713) 988-2818

• GRAPHIC ARTS ANIMATION •

Wedding AnimBrushes Vol. 1
A six-disk collection of AnimBrushes and full overscan animations designed for the wedding videographer. Includes flying cupids, chicken dance, churches, wedding bells, hearts, stars, wedding book, etc. All have been bride tested with special color palettes for NTSC transfer. $89.95
Long Island Media Group, 2 Sherbrooke Dr., Smithtown, NY 11787, (516) 366-4646

• HARD DRIVE CONTROLLERS •

AdSCSI 2000
Autoboot from Fast File Systems partitions. Mounting frame included for hard drive card installation. Simple point-and click set-up software. $199.95
ICD, Inc., 1220 Rock Street, Rockford, IL 61101, (800) 373-7700

AdSCSI 2080
This card offers everything the AdSCSI 2000 does except the hard drive card option and adds room for 2, 4, 6, or 8MB of RAM. $279.95
ICD, Inc., 1220 Rock Street, Rockford, IL 61101, (800) 373-7700

AdIDE
A quick, versatile IDE (AT) host adaptor that mounts internally in any Amiga computer. Provides autobooting and most of the other features of our AdSCSI 2000. Ideal for use with the new "notebook size" 2.5-inch hard drives. $159.95
ICD, Inc., 1220 Rock Street, Rockford, IL 61101, (800) 373-7700

• HARD DRIVE BACKUP UTILITY •

BYTE 'N' BACK
A simple point-and-click user interface provides instant access to sorted directories, subdirectories, and files with BYTE 'N' BACK automatically calculating the number of floppy disks required as files are selected. The program uses asynchronus scan mode to allow file selection to be accomplished rapidly and easily. BYTE 'N' BACK is compatible with Kickstart 1.2, 1.3, and 2.0.
Spirit Technology Corporation, 220 West 2950 South, Salt Lake City, Utah 84115 (801) 485-4233

• HARDWARE TESTING •

IsoBar Surge Suppressor, IB6-GS
The IB6-GS Surge Suppressor is UL listed for UL1449 (330 Volt-let-through and UL 1283 (electromagnetic filter). Six outlets divided into 3 isolated filler banks prevent connected equipment from interfering with each other, while "Cascade Circuitry" allows you to choose the level of protection needed. Features a rugged metal case 6' line cord, circuit breaker and illuminated on/off switch. $99.95
TrippLite, N. Orleans, Chicago, IL 60610-6505, (312) 329-1777

• MEMORY EXPANSION •

AdRAM 505
This half-sized card fits in the A501 slot under the keyboard and adds 512K of valuable RAM and a clock. Available with or without RAM. $39.95
ICD, Inc., 1220 Rock Street, Rockford, IL 61101, (800) 373-7700

AdRAM 520
Adds up to 2MB of memory and a clock to an A500 internally. Simple, no-solder installation requires only a screwdriver. All RAM is automatically recognized by the system. Add the RAM in 512K increments. $79.95
ICD, Inc., 1220 Rock Street, Rockford, IL 61101, (800) 373-7700

AdRAM 2080
Add 2, 4, 6, or 8MB of fully autoconfigurable fast RAM to your A2000 quickly and easily. $179.95
ICD, Inc., 1220 Rock Street, Rockford, IL 61101, (800) 373-7700

LAST MINUTE ADDITIONS

In-Mate
Multi-expansion board, designed to plug into the 68000 socket, also fits and works in the Amiga 2000 which will free up valuable expansion slots. This also allows A500 owners to move In-Mate with them if they upgrade.
Spirit Technology Corporation, 220 West 2950 South, Salt Lake City, Utah 84115 (801) 485-4233

MegaChip 2000
Allows Amiga 2000 owners to upgrade to 2MB of chip RAM. Allows you to have a total of 10MB of RAM, 2MB chip, and 8MB Fast. Excellent for anyone doing desktop publishing, desktop video, graphic design, 3-D ray tracing. $299.95
DKB Software, 832 First Street, Milford, MI 48381, (313) 685-2383
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MultiStart II
Installs multiple kickstart ROMs in the A500 and A2000. Allows you to install up to 3 ROMs in your system at one time. Keyboard switchable between 2 ROMs. Hardware switch to select which 2 ROMs to use. $99.95
DKB Software, 832 First Street, Milford, MI 48381, (313) 685-2383
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• MISCELLANEOUS HARDWARE SCANNERS & DIGITIZERS •

Scanman Model 32 V2.1
Provides an improved user interface, and it allows users to merge (stitch) together multiple scans. It has scanner calibration which matches gray values between pieces of a merged scan, and features new and improved image editing tools. $499.00
Logitech Inc., 6505 Kaiser Drive, Fremont, CA 94555, (415) 795-8500

• MISCELLANEOUS SOFTWARE WEAVING •

The Bitknitter
A computer/knitting machine interface. Design on the computer and download to the knitting machine.
Cochenille Computer Knit Products, Inc., P.O. Box 4276, Encinitas, CA 92024, (619) 942-1957

• MISCELLANEOUS TUTORIALS •

MegaDOS AmigaDOS Manual on Disk
A complete reference and tutorial guide for using AmigaDOS, both Workbench and CLI. Designed to eliminate the confusion of other DOS manuals. $19.95
MegaDisc, P.O. Box 759, Crows Nest, Australia 2065, (011) 61-2-9593692, FAX (011) 61-2-9593525

• MUSIC •

Audio Engineer
A stereo digital sound sampling and editing system designed for the discerning Amiga audio enthusiast, for whom sound quality is paramount. This quality system offers powerful facilities to record, edit, and modify sound in the Amiga's memory. $349.00
J.E.M. Computer 2472 Stearns St., Simi Valley, CA 93063 (805) 583-8310

• PAINT •

Aegis Amiga Graphics Starter Kit
A bundle of four of the original ground-breaking software packages for the Amiga! Perfect for the Amiga beginner, this package includes Aegis Images paint program, Aegis Animator for 2-D animation, Aegis Draw for an introduction to CAD, and Aegis ArtPak, a collection of clip art by Jim Sachs and Richard LaBarre! Arazok's Tomb, an exciting graphic adventure with more art by Jim Sachs is included free! $99.95
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

Aegis Express Paint III
Express Paint III takes the art of painting one step further! All the standard paint tools and abilities are here, but now you can map 2-D brushes onto 3-D images, print in color or black & white Postscript, and forget about chip RAM limits! Crossing the boundaries of painting and desktop publishing, Express Paint III is next wave. $139.95
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

Aegis SpectraColor
Brush ANIMs finally come to HAM! Now, use all of the animation capabilities offered by SpectraColor to produce stunning 4096 color movies. Wrap images on spheres, cubes, even on a contour to provide remarkable graphic effects. Designed by the authors of Photon Paint, SpectraColor is destined to become the new Amiga HAM standard! Workbench 2.0-compatible. Price TBA.
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

• PORT EXPANSION •

DigiScope Plus
A digital storage oscilloscope emulator that works with DataStation and parallel-port digitizers. It has 16 independently controlled waveform buffers, a digital signal processing (DSP) package, a Fast Fourier Transform (FFT) package, and a Digital Filter Design package (option). $159.95, $179.95 (with Filters option)
ACDA Corporation 220 Belle Meade Avenue, Setauket, NY 11733 (516) 689-7722

• PRINTER DRIVERS •

Shinko & Mitsubishi Preferences 1.3 Printers Drivers
We offer a complete line of thermal color printer drivers for the Mitsubishi and Shinko A&B size color printers. They are 100% Amiga Preferences 1.3 drivers. $133.00
ACDA Corporation 220 Belle Meade Avenue, Setauket, NY 11733 (516) 689-7722

• PROGRAMMING •

Oxxi Modula II
Amiga Modula II compiler. Object oriented language extensions. Using a multi-pass method, which makes the final executable code faster than applications written with C in many cases! Workbench 2.0-compatible. Available Spring 1991.
Price TBA.
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

TurboText
Oxxi's new text editor for the power user! Fully customize the editor to any compiler on the market, including C, Pascal, and Modula II. Macros, hex edit window, complete outlining, text templates, complete remapping of keyboard and menus, and much more! Workbench 2.0-compatible. Price TBA.
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

• PROGRAMMING ENTERTAINMENT •

Visionary
Don't just wander around in graphic or text adventures, build them! Visionary makes it simple. Over 10,000 rooms, objects, and subroutines. More than 4 billion characters of text can go into your adventure! Supports IFF images and ANIM files. Workbench 2.0-compatible. Available Spring 1991. Price TBA.
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

• PROGRAMMING TOOLS •

Ameega_FFT C Package
The Ameega_FFT C Package provides all the source and code you need to perform detailed frequency analysis of your data utilizing a complete set of Fast Fourier Transform (FFT) routines. The package includes C source for derivation of the Power-Spectrum, Phase-Amplitude Spectrum, Inverse FFT. $152.00
ACDA Corporation 220 Belle Meade Avenue, Setauket, NY 11733 (516) 689-7722

Laserdisk Controller Software Library
This package is a linkable C library of routines intended to help application developers easily and immediately integrate the Pioneer LD-V2200 laserdisk player into their own applications. The library is Manx and Lattice compatible and addresses all features and modes of operation of the LD-V2200. $99.95
ACDA Corporation 220 Belle Meade Avenue, Setauket, NY 11733 (516) 689-7722

• SCANNERS & DIGITIZERS •

BarPro
High-tech bar code scanner wand and powerful Amiga multitasking software. The BarPro software has all the important basicsupport features for the wans and many features not available in other systems. Software takes full advantage of graphic, multitasking Amiga environment. $899.50
MegageM, 1903 Adria, Santa Maria, CA 93454, (805) 349-1104
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LAST MINUTE ADDITIONS

• SCIENTIFIC/BUSINESS/ENGINEERING •

APL0T2D
A complete scientific and analysis two-dimensional color data plotting package. Incorporates many features including separate data and plotting format files, automatic graph scaling, menus to modify plot size and plot parameters, linear regression analysis, and curve and color options. Includes linear, log, etc., and plus many more. Version 1.1 $79.95
AMIGA Tech, AMIGA Science and Technology Users' Group, P.O. Box 201 Los Altos, CA 94023-0201

• SERVICES •

Amiga Animation and Graphics Services
AniGraphics provides full service animation and computer graphics development for entertaiment and education softwaredevelopers. Services range from early conceptual development to finalized screens, performed by a staff of artists with years of experience in the software industry. AniGraphics has developed proprietary tools for high quality, inexpensive conversions between systems and resolutions. Our order placement system permits you to get precisely the images you want, quickly and on budget.
AniGraphics P.O. Box 179, Butler, WI 53007-0179, (414) 781-9853
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XTension
Technical Service Contract for XCAD Professional, XShell Professional, and related products. Plus a year subscription to XPress monthly newsletter. Includes phone support, public domain, and shareware programs of interest to CAD users and customized menus. $36.00/hr with a 2 hr. min.
Grafx Computing, 6680 Wiltsie Road, Panama, NY 14767, (716) 782-2468

12" Interactive Laser CheckDiscs
Future Touch provides production of laser checkdisc to CAV standard from one inch or D2 Tape source within 48 hour turnaround. $300.00
Future Touch, Inc., 192 Laurel Road, East Northport, NY, (516) 757-7334

Interactive Laser CAV Masterdiscs
Future Touch provides production of laser masterdisc to CAV standard from one inch or D2 Tape source within 72 hour turnaround. $1845.00 12" Single-sided CAV Master/ $9.50 each 12" replicated single-sided disc.
Future Touch, Inc., 192 Laurel Road, East Northport, NY, (516) 757-7334

Interactive Laser CLV Masterdiscs
Future Touch provides production of laser masterdisc to CLV standard from one inch or D2 Tape source within 72 hour turnaround. $2295.00 12" Single-sided CLV Master/$12.50 each 12" replicated single-sided disc.
Future Touch, Inc., 192 Laurel Road, East Northport, NY, (516) 757-7334

• SOUND & MUSIC HARDWARE MIDI INTERFACES •

AirLink
Same as the IllumiLink without the wireless phone interface. $50.00
Geodesic Publications, P.O. Box 956068, Duluth, GA 30136(404) 822-0566
please display ad page 185

LightWave
Contains an advanced version of the IR remote control. Plus, real-time music animation hardware and software.
Geodesic Publications, P.O. Box 956068, Duluth, GA 30136(404) 822-0566
please display ad page 185

• TELECOMMUNICATIONS •

A-Talk III
Advanced telecommunications for the Amiga including an expanding script language and new communications protocols. Supports Kermit, Xmodem, Ymodem, and Zmodem protocols and emulates many high-end terminals. Too many features to list! Workbench 2.0-compatible! $99.95
Oxxi, Inc. P.O. Box 90309 Long Beach, California 90809-0309 (213) 427-1227

• VIDEO HARDWARE •

MediaPhile 2.0SUG Sony CTL-L Port Controller
Brings videotape position information into personal computers from two Sony video decks, camcorders, or other devices equipped with CTL-L remote ports. One remote switch output and one serial data input. Two additional ports can be independently configured as infrated control outputs, Sony S-port conttrol outputs or SMPTE time code inputs. Includes one Sony remote port adapter cable and a Sony RMT-E1S infrared remote control. $275.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545, FAX (603) 898-3606

MediaPhile 2.0PUG Universal Tape Deck Controller
Brings videotape counter information into personal computers from two modified VHS, SVHS, or Beta decks. One remote switch output and one serial data input. Two additional ports can be independently configured as infrared control outputs, Sony S-port control outputs or SMPTE time code inputs. Includes one counter sense cable and a Sony RMT-E1S infrared remote control. $240.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545, FAX (603) 898-3606

MediaPhile MP2.0A Infrared Controller
Controls video decks, compact and laser disc players, and other infrared controlleddevices from personal computers. One infrared signal output, two independent Sony S-port outputs and one infrared sensor input. $215.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545, FAX (603) 898-3606

MediaPhile 2.0 Sony CTL-L Port Interface Controller
Brings videotape position information into personal computers from two Sony video decks, camcorders, or other devices equipped with CTL-L remote ports. One remote switch output and one serial data input. Includes one Sony remote port adapter cable. $190.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545, FAX (603) 898-3606

MediaPhile 2.0P Universal Tape Deck Interface Controller
Brings videotape counter information into personal computers from two modified VHS, SVHS, or Beta decks. One remote switch output and one serial data input. Includes one counter sense cable. $155.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545, FAX (603) 898-3606

MediaPhile 2.0M Sony 8mm Video Deck Interface Controller
Brings videotape counter information into personal computers from two modified 8mm video decks. One remote switch output and one serial data input. Includes one counter sense cable. $135.00
Interactive MicroSystems, Inc., 9 Red Roof Lane, Salem, NH 03079, (603) 898-3545, FAX (603) 898-3606

• VIDEO ENHANCEMENT •

Ad Flicker Free Video
Flicker free video is the result when used alojg with a VGA or Multisynch monitor. Synchronizes automatically in either NTSC or PAL systems. Fully genlock compatible and installs in any 500, 1000, or 2000 system. $499.95
ICD, Inc., 1220 Rock Street, Rockford, IL 61101, (800) 373-7700

• VIDEO HARDWARE GENLOCKS •

VideoMaster
Genlocks the Amiga computer graphics to incoming composite (NTSC/PAL) or S-Video (S-VHS/ED/BETA/Hi8) sources from live braodcast, VCR and Videodisc players. VideoMaster special effects include vertical interval switching, dissolves, wipes, and built-in RGB splitter for digitizers. $1259.00
VidTech International, Inc., 2822 NW 79th Avenue, Miami, FL 33122. (305) 477-2228.

USERS GROUPS

In the following list of Users Groups we are now including mailing addresses. If your users group is not listed or the information supplied here is incorrect, please contact us in writing with the correct address, contact name, and phone number, BBS number, and/or FAX number.

P.i.M. Publications, Inc.
One Currant Place
Fall River, MA 02720
Attn. Users Groups Listings

• ALABAMA •

Birmingham Commodore Comp Club
Meeting Place: UAB (room 153)
901 14th Street, South Birmingham
When: 2nd & 4th Sun. 2PM
Interests: Amiga/ Commodore
Contact:
Rusty Hargett
205-854-5172 (after 6PM)

Commodore Amiga Society of Montgomery
CASM
Meeting Place: First Alabama Bank
When: 3rd Sat, 9 AM-
Interests: Amiga
Contact:
Steve Winkler
(205) 281-7392

Coosa Valley Commodore Club
Meeting Place: Garden State Community College Technical Division Jarvis Hall, Gadsen
When: 1st Thur. 7 PM
Interests: Amiga/Commodore
Contact:
Tommy Robertson
205-549-0908

Hacks
Meeting Place: St. Stephens Episcopal Church Huntsville
When: 1st Mon. 7 PM
Interests: Amiga/ Commodore
Contact:
Raymond Patterson
205-883-8398

Scottsboro Commodore UG
Meeting Place: Page School-Lunchroom
305 S. Scott St., Scottsboro
When: 2nd Tue.
Interests: Amiga/ Commodore
Contact:
Richard Radon
205-574-1830

• ALASKA •

Amiga Users Group of Alaska
AUGA
Meeting Place: ARCO Tower, downtown Anchorage 7th and G Sts.
When: 2nd Wed; 7PM
Interests: Amiga
Contact:
John Olson
907-345-0383
907-337-4136 BBS
Mailing address:
P.O. Box 211511
Anchorage, AK 99521-1511

Anchorage Commodore UG
Meeting Place: Muldoon Library Anchorage
When: 4th Tue. 7PM
Interests: Amiga/ Commodore
Contact:
Dick Howe
907-561-8555

• ARIZONA •

AMAZ
Meeting Place: Glendale Library Aud Glendale
When: 3rd Thur. 7-9 PM
Interests: Amiga
Contact:
Joe Rosenberg
602-848-6200
Mailing address:
P.O. Box 82371
Phoenix, AZ 85071

Arizona Amiga User Group
AAUG
Meeting Place: Pyle Adult Recreation Center
Tempe
When: 2nd Fri. 7PM
Interests: Amiga
Contact:
Myron Lieberman or Stan Skirvin
602-967-4054 or 602-948-2515
Mailing address:
P.O. Box 907
Tempe, AZ 85281

Metro Amiga Computer ResOurce MACRO
Meeting Place: Metro Tech Vocational Institute
1900 W. Thomas Rd. Lecture Hall Rm.1101 Phoenix
When: 1st Thur. 6:30 PM
Interests: Amiga
Contact:
Joe Benedetto
602-429-2523
602-938-8050
Mailing address:
P.O.Box 5776
Glendale, AZ 85312

Prescott Area Commodore Club
Meeting Place: P.O. Box 4019 Prescott
When: 1st Wed . 7 PM
Interests: Amiga/ Commodore
Contact:
Djon Vankirk
602-778-7893

• ARKANSAS •

Ark:Amiga
Meeting Place: Metropolitan Voc. Tech. Center
Little Rock
When: 2nd Mon. 7PM
Interests: Amiga
Contact:
Greg Eanes
501-666-8934

Commodore Computer Club
Meeting Place: Westark Community College
Fort Smith
When: 2nd Mon. 7PM
Interests: Amiga/ Commodore
Contact:
Steve Caperton

Hot Springs Commodore UG
Meeting Place: AP&L Bldg
324 Malvern Ave., Hot Springs
When: 3rd Tue . 7PM
Interests: Amiga / Commodore
Contact:
Julie Cathcart
501-624-5115

• CALIFORNIA •

64 /More Commodore UG
Meeting Place: Miltipitis Public Library Miltipitis
When: 2nd Sat . 10 AM
Interests: Amiga/ Commodore
Contact:
Ralph M. Ingraham

ASCI
Meeting Place: Rancho Cucamonga Br Lib
9191 Base Line Rd, Rancho Cuccamonga
When: 1st & 3rd Thur 6:30PM
Interests: Commodore
Contact:
Josh Jacoby
714-989-6041

ASCITEC
Meeting Place: Lockhead Missiles & Space Co (Sunnyvale)
Los Altos
When: 2nd Thur. 5 PM
Interests: Amiga
Contact:
Patrick Bailey
Mailing address:
Amiga Science and Tech. Users Group
P.O. Box 201
Los Altos, CA 94023-0201

Amiga Friends
Meeting Place: Rancho Santiago College
17th & Bristol Rm R-124, Santa Ana
When: 3rd Sun. 1-5 PM
Interests: Amiga
Contact:
Sam Noonan
(714) 775-7237
Mailing address:
P.O. Box 4186
Huntington Beach, CA 92605-4186

Amiga Tech UG1 and 2
ATUG
Meeting Place: Michaelangelo's 552 W. Arrow Hwy. San Dimas
Glendale Federal Savings, Monrovia
On the corner of Myrtle and Colorado
When: ATUG1 Last Tues. 7PM
ATUG2 3rd Sat. 1PM
Interests: Amiga
Contact:
Chris Marple
(714) 621-9814
(818) 966-5099 BBS
Mailing address:
184 Villanova Dr.
Claremont, CA 91711

Amiga UG of Long Beach
Meeting Place: Mid Cities National Bank
9025 E. Artesia (Bellflower), Bellflower
When: 1st Mon/2nd Sat/3rd Sun/ 3rd Mon. 7 PM/1 PM/1 PM/7 PM
Interests: Amiga
Contact:
Larry Blair
213-422-8226
Mailing address:
5115 Via Veranada
Long Beach, CA 90805

Users Groups

C-TUG
Meeting Place: Mercury Savings
Irvine & Newport ,Tustin
When: 4th Sun. 11 AM
Interests: Amiga/ Commodore
Contact:
Don Gribble
714-830-2430

C.O.U.G.O.R.
Meeting Place: 1012 Layton Rd. # 20
Redding
When: 1st Wed . 7 PM
Interests: Amiga/ Commodore
Contact:
Robert Wall
916-222-8263

C.O.W.
Meeting Place: San Bruno Parks &
Rec Bldg
San Bruno
When: 3rd Thur . 7-10 PM
Interests: Amiga/ Commodore
Contact:
Steve Beale
415-877-8868

Central Coast Commodore UG
Meeting Place: Lutheran Church
Bradley Rd. & Patterson, Santa Maria
When: 3rd Tue . 7:30 PM
Interests: Amiga/ Commodore
Contact:
Gilbert Vela
BBS /805-934-2216

Club-64
Meeting Place: Knights of Columbus
Hall
1729 E. Baseline, San Bernadino
When: 1st Thur. 7-9 PM
Interests: Amiga/ Commodore
Contact:
John Shinkunas
714-862-5126

Commodore Helpers of Long Beach
Meeting Place: Mercury Savings Bldg
4140 Long Beach Blvd, Long Beach
When: 2nd Sat . 9 AM -12
Interests: Commodore
Contact:
Thomas A. Hoy
213-424-0508

Commodore UG of Riverside
Meeting Place: California School For
Deaf
Hwy 91 at Arlington Ave., Riverside
When: 2nd, 4th Thur 7-9PM
Interests: Commodore
Contact:
Ken Brown
714-689-1452

DBUG
Meeting Place: Diamond Bar Library
1065 Grand Ave, Diamond Bar
When: 2nd & 4th Wed.
Interests: Amiga / Commodore
Contact:
David Zechiel

Los Angeles Amiga UG
Meeting Place: Veterans Memorial
Aud
Culver City
When: 3rd Wed . 7:30 PM
Interests: Amiga
Contact:
Kip Hammond
213-390-3010

NCAC
Meeting Place: Rico's Pizza
200 Hartnell Ave, Redding
When: 2nd Sat . 2 PM
Interests: Amiga
Contact:
David Murphy
916-472-3237

**Napa Valley Commodore Comp
Club**
Meeting Place: Rapoport's
2225 Brown St, Napa
When: 3rd Mon. 7 PM
Interests: Amiga/ Commodore
Contact:
Carl Peigh
707-255-6375

North Valley Commodore UG
Meeting Place: Chico Community
Hosp Conf Center
670 Rio Lindo Ave., Chico
When: 1st Wed. 7-9 PM
Interests: Amiga/ Commodore
Contact:
Frank Alexander
916-872-0896

Oceana-64 Commodore Club
Meeting Place: 1004 Plover Way
Oceanside
When: 2nd & 4th Thur.
10 AM
Interests: Commodore
Contact:
Sam Brooks
619-433-3599

SMAUG
Meeting Place: Seaside Library
Seaside
When: 3rd Tue . 7 PM
Interests: Amiga
Contact:
Richard Binsacca
408-678-2518

Sacramento Amiga Computer Club
Meeting Place: Pacific Bell Aud
2700 Watt Ave , Sacramento
When: 4th Wed . 7-10 PM
Interests: Amiga
Contact:
Linda Marquess
(916) 991-0220
(916) 447-3842 BBS
(916) 991-8553
Mailing address:
P.O. Box 19784
Sacremento, CA 95819-0784

**San Diego Amiga User's Group
SDAUG**
Meeting Place: SDG&E Building
Auditorium 101 Ash Street
Downtown San Diego
When: 1st Wed, 7 PM
Interests: Amiga
Contact:
John Donovan
(619) 463-8107
Mailing address:
San Diego Amiga User's Group
P.O. Box 80186
San Diego, CA 92138-0186

Santa Barbara Commodore UG
Meeting Place: Goleta Library
Fairview Ave, Goleta
When: 3rd Sat . 1-4 PM
Interests: Commodore
Contact:
Murray Kalisher
805-562-2256

South Bay Amiga Dudes /Dudettes
Meeting Place: Creative Computers
4453 Redondo Beach Blvd, Lawndale
When: 3rd Thur .
Interests: Amiga
Contact:
Mike Lehman
213-370-6008

South Orange Commodore Klub
Meeting Place: Union Savings
23688 El Toro Rd.
When: 3rd Sat. 9AM
Interests: Amiga/Commodore
Contact:
Don Gribble
714-830-2430
Mailing address:
25401 Champlain Rd.
Laguna Hills, CA 92653

T.C.U.G.
Meeting Place: call for place, day, and
time Lafayette
When:
Interests: Amiga /IBM
Contact:
Margaret Copeland
415-284-1635
Mailing address:
P.O. Box 1065
Lafayette, CA 94549

V.C.C.
Meeting Place: Doctors Medical
Center Conference Room
Florida and Orangeburg Ave., Modesto
When: 3rd Wed . 7 - 9 PM
Interests: Amiga
Contact:
Ruby Larson
209-529-8473

VVCIA
Meeting Place: Victor School
6th & A Streets, Victorville
When: 1st Mon & 3rd Tue .
Interests: Commodore
Contact:
Ronald Elliiott
619-245-9535

AWEST
Meeting Place: Computer Showcase
2739 Geary Blvd.
San Francisco
When: 1st. Wed. 7 PM
Interests: Amiga
Contact:
Jamie Pandover
(415) 584-8406

• COLORADO •

The Computer Club
Meeting Place: VFW Post #4051
430 E. Pikes Peak Ave, Colorado
Springs
When: 3rd Thur. 7 PM
Interests: Amiga/ Commodore
Contact:
Leon Hass
719-591-6353

Wes CAUG
Meeting Place: Community Hospital
Grand Junction
When: 1st Sat. 10 AM
Interests: Amiga
Contact:
Rober Payne
303-245-0054

• CONNECTICUT •

Amiga Users Group of SE Conn
Meeting Place: One Byte
Rte 32 Uncasville
When: 3rd Mon. 7 PM
Interests: Amiga
Contact:
James Malloy
203-536-6642

Users Groups

Capital Region
Meeting Place: Vernon Police Station Vernon
When: 64/128 2nd Mon — Amiga 2nd Tues. 7:30 PM - 10:30 PM
Interests: Amiga / Commodore
Contact:
Cheryl Arzt
203-872-3320

F.C.A.U.G.
Meeting Place: Danbury Hospital Health, Sciences Auditorium Danbury
When: 2nd Sat. 5:45 PM
Interests: Amiga
Contact:
Kevin Brook
BBS/ 203-938-9163

HAUG
Meeting Place: Aetna Institute Hartford
When: 3rd Thur. 7 PM
Interests: Amiga
Contact:
Bill Bernhart
203-633-4427

Hartford County Commodore Users
Meeting Place: East Hartford Library / Lions Room East Hartford
When: 4th Tue. 7 PM
Interests: Commodore
Contact:
Franklin Bouchard

Millstone Users Group 64/128
Meeting Place: Millstone Training Center Waterford
When: No set date/time as needed.
Interests: Amiga/ Commodore
Contact:
Jim Bennett
203-357-8368

NLCCUG
Meeting Place: Montville Vfw Uncasville
When: 1st & 3rd Thur. 7-9 PM
Interests: Amiga / Commodore
Contact:
Charlie Kappelman
203-848-1986
BBS 203-848-4044

Stamford Area Commodore Society
Meeting Place: 35 Cresent St Stamford
When: 2nd Fri. 7 PM
Interests: Amiga/ Commodore
Contact:
John Bittner
203-444-4844

• **DELAWARE** •

Amiga Network
Meeting Place: University of Delaware Newark
When: 1st Sun . 7 PM
Interests: Amiga
Contact:
William Kelly
(302) 323-1604 BBS

• **FLORIDA** •

AFLOAT
Meeting Place: Citrus County Armory Crystal River
When: 2nd Mon .
Interests: Amiga/ Commodore
Contact:
Richard Briggs

C.R.U.G.
Meeting Place: Florida Power Corp. Crystal River
When: 1st Mon.
Interests: Amiga /Commodore
Contact:
Richard Briggs

CUGOP
Meeting Place: Pensacola City Hall (2nd Flr., west end) Pensacola
When: 1st Fri, 3rd Tue 7-9 PM
Interests: Commodore
Contact:
Robert Yarnell
904-455-5314

Citrus Commodore Computer Club
Meeting Place: Mid-State S & L Community Room Beverly Hills
When: Every Fri. 7:30 PM
Interests: Commodore
Contact:
Gary Finfrock
904-344-4826

Clearwater Commodore Club
Meeting Place: Loeman Plaza - Community Room, Clearwater
When: 1st & 3rd Wed . 7 PM
Interests: Amiga/ Commodore
Contact:
Robert Hronec
813-796-0510

Commodore Club of Jacksonville
Meeting Place: Mandarin Library Jacksonville
When: 3rd Sat. 1-4:30 PM
Interests: Amiga /Commodore
Contact:
John J Donnangelo
904-641-9014

Commodore Club of Jacksonville
Meeting Place: Regency Library Jacksonville
When: 1st Sat. 10 AM-1 PM
Interests: Amiga /Commodore
Contact:
John J Donnangelo
904-641-9014

Commodore Club of Jacksonville
Meeting Place: Orange Park Library Jacksonville
When: 4th Sat. 1-4:30 PM
Interests: Amiga /Commodore
Contact:
John J Donnangelo
904-641-9014

Commodore Club of Jacksonville
Meeting Place: Hayden Burns Library Jacksonville
When: 2nd Tue. 7-9 PM
Interests: Amiga /Commodore
Contact:
John J Donnangelo
904-641-9014

Fort Walton Beach Commodore UG
Meeting Place: Choctawhatchee High School Racetrack Rd. Ft. Walton Beach
When: 1st Tue/Thur 16 days thereafter. 7 PM
Interests: Amiga / Commodore
Contact:
Joe Majors
904-863-2845

Lake Sumter Commodore UG
Meeting Place: Lee Adult Center Annex Leesburg
When: 2nd Wed / 4th Tues. 7:30 PM
Interests: Commodore
Contact:
George Kramer

MICE
Meeting Place: Florida International University Trailer M-114 Miami
When: 2nd & 3rd Fri. 7PM
Interests: Commodore
Contact:
Ben Demby Jr.
305-221-7115

Miami Amigos
MAUG
Meeting Place: The Grove Art Cinema Grand Ave. at MacDonald St. Coconut Grove
When: 3rd Sat. 10AM-noon
Interests: Amiga
Contact:
Paul Metheney
(305)949-7499
Mailing address:
14795 N.E. 18th Ave. #216
N. Miami,, FL 33181

The Suncoast Amiga Club
TSUNAMI
Meeting Place: Largo Community Center Pinellas County Corner of 6th Street and 1st AveSouthwest
When: 2nd Tues & 4th Tues
Interests: Amiga
Contact:
Jeff Hoag
813-576-5242
Mailing address:
P.O. Box 1311
Largo, FL 34649-1311

Titusville Commodore Club
Meeting Place: Brevard Community College, Titusville
When: 2nd & 4th Wed. 7PM
Interests: Amiga/ Commodore
Contact:
Robert Murray

Amiga Aces
ACES
Meeting Place: various locations
When:
Interests: Amiga
Contact:
Steve Greenberg
(407) 686-4564

Tampa Bay Amiga
TBA
Meeting Place: Jefferson High School
When: 1st & 3rd Wed 7PM
Interests: Amiga
Contact:
Jeff White
(813) 977-6511

• **GEORGIA** •

ACAC
Meeting Place: Deerfield Windsor School Lower Campus 1733 Beattie Rd., Albany
When: 2nd, 4th Tues.7:30 PM
Interests: Amiga/Commodore
Contact:
Carlos Villavicencio III
911-439-1322

• **IDAHO** •

AUSI
Meeting Place: Kopper Kitchen Conference Center, Boise
When: 3rd Thur . 7 :30 PM
Interests: Amiga
Contact:
Edwin Apel
208-376-1500

Banana Belt Commodore UG
Meeting Place: Lewis-Clark State College M.L.H. 13D
Lewiston
When: 2nd Fri . 7:30 PM
Interests: Commodore
Contact:
Harold Riggle
208-758-3209

Treasure Valley /Boise UG
Meeting Place: Plantation Round Table Pizza
Boise
When: 1st Thur Library (3rd Wed). 7pm (7:30 pm)
Interests: Commodore
Contact:
Douglas Parsons
208-3754672

• ILLINOIS •

A.C.E.
Meeting Place: Percy Hopkins Auditorium Christ Hospital
Oaklawn
When: 1st Thur . 7:30 PM
Interests: Amiga / Commodore
Contact:
John Zale
708-687-7788

Amiga Computer Enthusiasts
A.C.E.
Meeting Place: Percy Hopkins Auditorium
Christ Hospistal, Oaklawn
When: 1st Thur. 7:30 PM
Interests: Amiga / Commodore
Contact:
John Zale
(708) 687-7788
Mailing address:
P.O. BOX 591
OAK FOREST, IL 60452

CCR
Meeting Place: Rockford College Star Science Bldg
Rockford
When: Thur one month Sat next month. 7:30-9:30 PM (9AM -12)
Interests: Amiga/Commodore
Contact:
Mike Hoss

CNSAUG
Meeting Place: Arlington Heights Public Library
Arlington Heights
When: 4th Wed. 7-10PM
Interests: Amiga
Contact:
Thomas Karlman
312-934-3334

CUCCUG
Meeting Place: Univ. of Illinois (Gregory Hall)
Urbana
When: 3rd Thur. 7 PM
Interests: Amiga/ Commodore
Contact:
Art Lewis Kimball

Computers West
Meeting Place: College of DuPage
Glen Ellyn
When: 1st Wed. 7:30 PM
Interests: Amiga / Commodore
Contact:
Alan Chumley
312-231-3845

E. Peoria
Meeting Place: Please Call For Meeting Place
E. Peoria
When: 3rd Sat. 4- 6:30 PM
Interests: Commodore
Contact:
David Mc Millian
309-745-8455

Fox Valley Amuse
Meeting Place: St. Charles Savings & Loan
Corner of RT. 38 & Randall Road
When: 2nd Monday 7-10 PM
Interests: Amiga
Contact:
Robert Woell
(708) 759-1590
Mailing address:
Fox Valley Amuse
P.O. Box 4125
Aurora, Il 60507-4125

JACUG
Meeting Place: First Christian Church
508 W. Vandalia, Jacksonville
When: 7PM
Interests: Amiga/ Commodore
Contact:
Greg Simpson
217-882-5481

WIPUG
Meeting Place: Quintron (cafeteria)
Quincy
When: 3rd Thursday 7-9PM
Interests: Amiga/ Commodore/ MS-DOS
Contact:
Edward Mills
217-656-3671

• INDIANA •

Amiga Users of Michiana
Meeting Place: Christ The King Lutheran Church Samaratin Center
17195 Cleveland Road, Mishawaka
When: 1st Wed. 7:30 PM
Interests: Amiga
Contact:
Craig Harbor Pres.
219-287-3344
Mailing address:
2609 Mishawaka Ave.
South Bend, IN 46615

Bloomington Amiga Users Group
BAUG
Meeting Place: Porticos Restaurant 3rd Floor
Bloomington
When: 2nd Wed. 7 PM
Interests: Amiga
Contact:
Bill Roberts
812-876-9167
Mailing address:
James Marusek
RR4, Box 920A
Bloomfield, IN 47424

Commodore Users of Noblesville
Meeting Place: Carmel Public Library
Carmel
When: 1st Wed . 7PM
Interests: Amiga/Commodore
Contact:
David Anderson
317-844-2093

Indianapolis Computer Club Inc.
Meeting Place: 7 &8 Christian Church
2916 W. 30th St, Indianapolis
When: 2nd Tue.
Interests: Commodore
Contact:
John Fiega
317-353-2110

Logansport Commodore Club
Meeting Place: Girl Scout Camp
303 E. Clay Logansport
When: 3rd Wed. 7PM
Interests: Amiga/ Commodore
219-223-4542

Richmond Area Computer UG
Meeting Place: Richmond City Bldg (community room)
Richmond
When: 1st Mon even months /2nd Mon odd months. 7-9PM
Interests: Amiga/ Commodore
Contact:
Dudley Fetzer
317-966-9169

Rochester Commodore Comp Club
Meeting Place: Rochester Public Library
Rochester
When: 2nd Sat. 1PM
Interests: Commodore
Contact:
Dan Zellers
219-223-4542

• IOWA •

C-5 Capital Complex
Meeting Place: Grimes State Office Bldg
E 11th & Gray, DesMoines
When: 2nd Tue. 7PM
Interests: Amiga/ Commodore
Contact:
Larry Eamer
515-263-8104

COUGAR
Meeting Place: Midland Financial
525 Main St, Ames
When: 1st Sun (except holidays -2nd Sun) .2-4PM
Interests: Commodore
Contact:
Steve Huffman
515-432-4006 evenings

Commo-Hawk Commodore Users Group
CHCUG
Meeting Place: First Trust & Savings Bank
1820 1st Ave. NE Cedar Rapids
When: 2nd Tues. 7PM Amiga/ Commodore 4th Sun.
Interests: Amiga, Commodore
Contact:
Linda Bloedel
(319) 366-2347
(319) 396-0446 BBS
Mailing address:
P.O. Box 2724
Cedar Rapids, IA 52406-2724

Northeast Iowa Amiga UG
Meeting Place: Red Cross Bldg
2530 University Ave., Waterloo
When: 3rd Sun. 5PM
Interests: Amiga
Contact:
Mary Jensen
319-277-3758

Quad Cities Commodore Computer Club
Meeting Place: Scott Community College, Student Life Center, Rm. 234
Belmont Road, Bettendorf,IA
When: 3rd Tues. 7PM
Interests: Commodore
Mailing address:
P.O. Box 3994
Davenport, IA 52808

Users Groups

Tri-State Commodore UG
Meeting Place: State Bank Bldg
Hwy 151, Kieler
When: 2nd, 4th Mon. 7 PM
Interests: Commodore
Contact:
Wayne Holt
319-582-4702

• KANSAS •

Atchison Commodore UG
Meeting Place: Atchison Public LIbrary
401 Kansas Ave Atchison
When: 2nd Tue. 7 PM
Interests: Amiga/ Commodore
Contact:
Larry Gilbert
913-367-2419

Topeka Commodore Computer UG
Meeting Place: National Guard Armory
28th & Topeka Ave. Topeka
When: Last Tue. 7-9 PM
Interests: Amiga / Commodore
Contact:
James Wilson
913-235-8452

• KENTUCKY •

Christian County Commodore Club
Meeting Place: Second Baptist Church Education bldg
Hopkinsville
When: last Thur. 7 PM
Interests: Amiga/ Commodore
Contact:
Terry Fugua
502-886-6621

Glasgow Commodore UG
Meeting Place: Farmer Rec. Bldg
504 S. Lewis St. Glasgow
When: 1st &3rd Mon. 6:30 PM
Interests: Amiga / Commodore
Contact:
Larry Stell

MCCUG
Meeting Place: Harbin Memorial Library
Greensville
When: 3rd Thur . 7 PM
Interests: Amiga/ Commodore
Contact:
Stanley FLeming
502-338-3053

• LOUISIANA •

Ark-La-Tex Commodore Club
Meeting Place: John Calvin Pres. Church
3030 Colquitt Rd. Shreveport
When: 1st & 3rd Wed. 7 PM
Interests: Amiga/ Commodore
Contact:
Bill Walker
318-636-3611

BRACE
Meeting Place: Cortana Mall (Cortana Room)
Baton Rouge
When: 1st Tue. 7 PM
Interests: Amiga/ Commodore
Contact:
Roland Caarson
504-925-9532

L.A.U.G.
Meeting Place: Lafayette City Hall
705 W. University Ave. Lafayette
When: 3rd Fri. 7:30 - 11 PM
Interests: Amiga
Contact:
Clifton Bonhomme
318-232-9866

New Orleans Commodore Klub
Meeting Place: Old Metairie Public Library
2350 Metairie Road Metairie
When: 2nd Sat . 4 PM
Interests: Amiga/ Commodore
Contact:
Robert H. Fergeson
504-482-8551
Mailing address:
3701 Division St. Suite 140
Metairie, LA 70002

Page User's Group
Meeting Place: Metro Mall Community Room
Alexandria
When: 2nd Sat (3rd Wed). 10 AM (7 PM)
Interests: Amiga/ Commodore
Contact:
S.C. Miller
318-473-8611

Sixty Four UM
Meeting Place: Jefferson Parish Library
Metairie Road, Metairie
When: 2nd Mon. 6-10 PM
Interests: Commodore
Contact:
Gene Earl
504-861-2893

• MAINE •

Amiga Users of Southern Maine
Meeting Place: Fleet Bank
Cumberland Street, Westbrook
When: 1st Fri. 6:30 PM
Interests: Amiga/ Commodore
Contact:
Joe Beecher
BBS/207-865-3004

Kennebunk Southern Maine Commodore UG
Meeting Place: Kennebunk Town Hall
1 Summer St. Kennebunk
When: 2nd thur. 7 PM
Interests: Amiga / Commodore
Contact:
Richard Lembree
207-967-3381

PACE
Meeting Place: Varies- please call
Belfast
When:
Interests: Amiga
Contact:
Michael Weinberg
207-338-3066

Southern Maine Commodore UG
Meeting Place: Portland Public Library, 5 Monument Sq.
Univ. of Maine Saco Campus,Saco Island, Saco
When: 2nd Sat 12:30 PM
Interests: Amiga/ Commodore
Contact:
Richard Lembree
207-967-3381
BBS 207-967-3719
Mailing address:
P.O. Box 416
Scarborough, ME 04070-0416

• MARYLAND •

Another Amiga Group
Meeting Place: Provinces Branch Arundel County Library
Odenton
When: 2nd Mon
BAUD
Meeting Place: Public Library
Loch Raven Blvd & Taylor Ave, Baltimore
When: 1st Sat. 1 PM
Interests: Amiga
Contact:
Ed Hopper
301-467-1034

CUM-BACC
Meeting Place: Meeting are held at various members homes
Lutherville
When: 3rd Sun. 1-5 PM
Interests: Amiga
Contact:
Richard Williams
301-296-4414

NOBUG 64/128
Meeting Place: Calvary Lutheran Church
Baltimore
When: 3rd Mon. 7:30 PM
Interests: Commodore
Contact:
Solis James
301-325-2083

Rockvillle Commodore UG
Meeting Place: Twinbrook Library
Rockville
When: 3rd Thur. 7:30 PM
Interests: Commodore
Contact:
Cy Fellerman
301-493-8661

SMAUG
Meeting Place: meeting place varies
Huntingtown
When: 1st Tue . 7-9 PM
Interests: Amiga
Contact:
Vicki Harmon
301-535-3842

• MASSACHUSETTS •

Boston Computer Society
Meeting Place: Call for info on meeting place
Cambridge
When: 3rd Tues 7:00PM
Interests: Commodore
Contact:
Barbara Mintz
617-367-8080
Mailing address:
P.O. Box 1729
Cambridge, MA 02238

Fall River Commodore Club
Meeting Place: Somerset Public Library
Fall River
When: 2nd Mon. 6:30 PM
Interests: Amiga / Commodore
Contact:
Tim Arruda
BBS/508-677-4535

Northern Berkshire Amiga Club, The
Meeting Place: North Adams State College Library Church Street North Adams
When: Last Fri. 6 PM
Interests: Amiga
Contact:
Adrian Sebborn
(413) 664-4511 ext. 516
(413) 445-7310 BBS
Mailing address:
Adrian Sebborn North Adams State College
Church Street
North Adams, MA 01247

Pioneer Valley Commodore Club
Meeting Place: W. Mass Electric Bldg
Brush Hill Rd.
Springfield
When: 3rd Thur . 7:30 PM
Interests: Amiga/ Commodore
Contact:
Marvin Yale
413-562-1027
BBS413-568-4466

S.N.H.A.U.G.
Meeting Place: West Manchester Public Library
Manchester
When: 3rd Sat. 12 - 4:30 PM
Interests: Amiga
Contact:
Dave Nye
508-897-6765
603-669-6719

The Boston Computer Society
Meeting Place: Department of Transportation
55 Broadway Cambridge
When: 3rd Tue. 7PM
Contact:
Alan Hoyland
617-438-9164

WCAUG
Meeting Place: S Works VFW Post
Ballard St.
Worcester
When: 2nd Wed. 7:30 PM
Interests: Amiga
Contact:
Don Carlson
508-835-2453

• MICHIGAN •

Coastline Commodore Comp Club
Meeting Place: American Legion Hall
201 Lamuese Biloxi
When: 1st Sat . 9:30 AM
Interests: Amiga / Commodore
Contact:
William K. Hubler
601-374-2582

Downriver Commodore Group
Meeting Place: Taylor Community Library
Taylor
When: 1st & 3rd Wed . 8 PM
Interests: Amiga
Contact:
Dino Costantino
313-277-0114
313-386-1565

Jackson Commodore Computer Club
Meeting Place: 2214 E. Ganson
Jackson
When: last Thur. 7:30 PM
Interests: Amiga/Commodore
Contact:
Tony Bengel
517-782-6753

Jackson Commodore UG
Meeting Place: Computer Services
Jackson
When: 3rd Thur. 7 PM
Interests: Amiga / Commodore
Contact:
Daniel Myers
601-352-0707

Kalamazoo Valley Home UG
Meeting Place: KVCC (room 1040)
Kalamazoo
When: 2nd Thur. 7:30 PM
Interests: Commodore
Contact:
Donald Campbell
616-345-7039

Michigan Commodore UG
Meeting Place: Warren-Woods Middle School
13400 Twelve Mile Rd Warren
When: 3rd Thur . 7-9 PM
Interests: Amiga/ Commodore
Contact:
Art Ferrazutti

Midland Computer Club
Meeting Place: Grace A Dow Library
St. corner of St. Andrews and Eastman Rd.
Midland
When: 3rd Thur. 7 PM
Interests: Amiga/ Commodore
Contact:
Rick Rosinski
631-7162
Mailing address:
P.O. Box 605
Bay City, MI 48707-0605

• MINNESOTA •

A.M.I.G.A.
Meeting Place: Brookdale- Hennepin Area Library
6125 Shingle Creek Parkway
When: 3rd Thur. 6:30-8:30 PM
Interests: Amiga/Commodore
Contact:
Dennis
939-0325

Amiga of Minnesota Interest Groups Alliance
A.M.I.G.A.
Meeting Place: Brookdale-Hennepin Area Library
6125 Shingle Creek Parkway
When: 3rd Thur. 6:30-8:30 PM
Interests: Amiga/Commodore
Contact:
Dennis Olsen Bet. 6-9 PM
612-939-0325
800-227-2983 BIX
BBS 612-895-0117
Mailing address:
P.O. Box 32374
Fridley, MN 55432

Minnesota Commodore UG
Meeting Place: Park Center High School
Brooklyn Park
When: 3rd Wed. 7 PM
Interests: Amiga/ Commodore
Contact:
Loren lovhaug
612-588-3078

Twin Ports Area Amiga Users Group
Meeting Place: UMD Room MWAH 176 Duluth
When: 2nd Tue. 7 PM
Interests: Amiga
Contact:
Kenji Ogura
218-722-2641

• MISSOURI •

Columbia Commodore User
Meeting Place: Columbia Mall (meeting room)
Columbia
When: 2nd Thur . 6:30-9 PM
Interests: Amiga / Commodore
Contact:
Harold Lawson
314-474-2303

Commodore UG of Springfield
Meeting Place: VFW Post 3403
1136 E. Atlantic Springfield
When: 2nd Sat. 10 AM
Interests: Commodore
Contact:
Bill Patrick
417-882-3866

Gateway Amiga Club Inc.
Meeting Place: Bridgeton Trails Library
3455 McKelvey Road Bridgeton
When: 3rd Wed. 7:30 PM
Interests: Amiga
Contact:
Bob Scharp
314-739-5181

Gateway Amiga Club Inc.
Meeting Place: Washington Univ med School
4566 Scott St Louis
When: 1st Wed . 7:30 PM
Interests: Amiga
Contact:
Bob Scharp
314-739-5181(bet 11 AM -
Mailing address:
P.O. Box 811
Bridgeton, MO 63044

Joplin Commodore Computers UG
Meeting Place: 422 S. Florida Ave
Joplin
When: 3rd Sat . 7:30 PM
Interests: Amiga/ Commodore
Contact:
Dale Connley
417-624-5259

Ozarks Amiga Comp Enthusiast's
Meeting Place: Springfield Public Library Kickapoo Prairie Branch
Springfield
When: 4th Sat. 9:30AM-noon
Interests: Amiga
Contact:
Steve Languth
417-882-5995

• MONTANA •

Missoula Commodore UG
Meeting Place: Montana Power Bldg
Missoula
When: 1st Thur. 7 PM
Interests: Amiga/ Commodore
Contact:
Becky Maier
406-626-4730

• NEBRASKA •

Amiga Users Of The Heartland, Inc.
Meeting Place: Elks Lodge #39
96th & Harrison Omaha
When: 3rd Tue. 7 PM
Interests: Amiga
Contact:
Larry Zwart
402-751-1393

Amiga Users of the Heartland, Inc.
Meeting Place: Elks Lodge #39
96th & Harrison, Omaha
When: 3rd Tue. 7PM
Interests: Amiga
Contact:
Larry Zwart
402-571-1393
Mailing address:
P.O. Box 1432 DTS,
Omaha, NE 68101-1432

Users Groups

MCUG
Meeting Place: McCook Public Library (basement)
McCook
When: 3rd Sun (Sept-May). 6 PM
Interests: Amiga / Commodore
Contact:
Dave Matthews
308-345-5884

• NEVADA •

Southern Nevada Amiga Group
S.N.A.P
Meeting Place: Nevada Power Bldg.
1973 N. Nellis Suite 224 Las Vegas 89115
When: every other Sat. 10 am
Interests: Amiga
Contact:
Eric Douglas
(702) 798-4760
(702) 456-9846 voice
(702) 566-0683 BBS

• NEW HAMPSHIRE •

Commodore Users Group
Meeting Place: Bow Memorial School
Bow
When: 1st Mon. 7 PM
Interests: Amiga/ Commodore
Contact:
Albert Couture
603-669-2439

Seacoast Area Amiga Users Groups
SAAUG
Meeting Place: Digital Connections Computer
Dover Point Office Park Dover
When: 3rd Sun. 2-5 PM
Interests: Amiga
Contact:
Steve Endsley
603-742-2233
Mailing address:
P.O. Box 878
Rochester, NH 03867

• NEW JERSEY •

Amiga Users' Group of New Jersey
Meeting Place: Rutger's University
Camden
When: 3rd Thur. 7 PM
Interests: Amiga
Contact:
Jay Forman
609-667-2526

Cebug
Meeting Place: East Brunswick Library
E. Brunswick
When: 1st Thur. 7 PM
Interests: Commodore
Contact:
Dave Pollak
201-390-6767

M.A.C.U.G.
Meeting Place: Parsippany Public Library
Parsippany Road Parsippany
When: 3rd Thur. 7:30 PM
Interests: Amiga / Commodore
Contact:
Michael Pallante
201-361-4560

• NEW MEXICO •

Aviation & Computer Enthusiasts
Meeting Place: Call for day & time
2009 Camelot Dr , Las Cruces
When:
Interests: Amiga/ Commodore
Contact:
Carl Bogardus
505-526-5645

CUGOR
Meeting Place: Roswell Adult Center
807 N Missouri Roswell
When: 1st & 3rd Wed. 7 PM
Interests: Commodore
Contact:
Ralph Knight
505-622-9250

Deming Commodore UG
Meeting Place: 1400 Mallery
Deming
When: 1st & 3rd Tue. 7:30 PM
Interests: Commodore
Contact:
Robert Sandoval
505-546-3351

NEW MEXICO COMMODORE USERS GROUP
NMCUG
Meeting Place: Amiga Systems Group: Wellington Place Clubhouse 3303 Adams NE
C-series Group: Cafeteria of Saint Joseph's Heights Hospital
When: Amiga Systems Group: 2nd Wed. 7:00 PM & 4th Sat. 1:00 PM
C-series: 1st Mon
Mailing address:
P.O. Box 37127
Albuquerque, NM 87176

Rio Grand Valley Amiga UG
Meeting Place: Jacobs Hall NMSU / room 129
Las Cruces
When: 1st Thur. 7 PM
Interests: Amiga
Contact:
Marilyn Martin
505-646-1840

• NEW YORK •

Binghamton AMIGA User Group
BAUG
Meeting Place: Vestal Public Library
When: 2nd Wed.
Interests: Amiga
Contact:
Gary B. Lee
607-754-0624 after 4PM Eastern time
Mailing address:
332 Clifford Dr.
Vestal, NY 13850-1010

C.D.A.U.G.
Meeting Place: The Computer Cellar
Westgate Shopping Mall
Albany
When: 3rd Thur. 6:30 PM
Interests: Amiga
Contact:
Carmen Artino
518-783-1784

Columbla University Commodore-Amiga Users Groups
CUCAUG
Meeting Place: Shapiro Hall Room 1011
Columbia University
When: Bi-Thurs. at 7 PM
Interests: Amiga
Contact:
Ethan Solomita
(212) 853-2205

Long Island Commodore Amigians
LICA
Meeting Place: Veterans of Foreign Wars Hall
403 Maple Avenue
When: 3rd Fri 8 PM
Interests: Amiga/ Commodore
Contact:
Michael Robinson
(718) 326-1087
(516) 489-2745 BBS

T.A.S.C. II
Meeting Place: E.C. Unlimited
Fulton
When: 3rd Sun. 2 PM
Interests: Amiga
Contact:
Jean Gulliver
315-593-1825

The Bronx Users Group
BUG
Meeting Place: 3400 Ft. Independence St. Community Room
When: 2nd Thur. 7:30-9:30PM
Interests: Amiga/Commodore
Contact:
Bruce Roberts
BBS 212-671-7050
Mailing address:
P.O. Box 523
Bronx, NY 10475

Triple Cities Commodore Society
Meeting Place: Vestal Public Library
Vestal
When: 1st Tue & 3rd Thur. 7 PM
Interests: Commodore
Contact:
Larry Drumm
607-797-6117

Westchester Amiga User Grouyp
WAUG
Meeting Place: Sorfware Link
White Plains
When: 1st Thur., 7:30
Interests: Amiga
Contact:
Billy Winters
914-769-9433
Mailing address:
WAUG c/o Billy Winters
460 West Lake Dr.
Valhalla, NY 10595

• NORTH CAROLINA •

F.A.C.E.
Meeting Place: Software Exchange
Sycamore Square Shopping Center
Fayetteville
When: 3rd Wed. 7 PM
Interests: Amiga
Contact:
John Berger
BBS / 419-432-2013

Wilmington Commodore UG
Meeting Place: Cape Fear Community College
Wilmington
When: 2nd Tue. 7 PM
Interests: Amiga / Commodre
Contact:
Wade Harris

• NORTH DAKOTA •

C.D.C.C.
Meeting Place: First Federal Bank Bldg, Bismarck
When: 2nd Thur. 7:30 PM
Interests: Amiga / Commodore
Contact:
Troy Tausend

Fargo Moorhead Amiga UG
Meeting Place: 610 Main Ave.
Fargo
When: 3rd Wed. 6:30 PM
Interests: Amiga
Contact:
John Steiner
701-282-0293

• OHIO •

A.C.C.U.G.
Meeting Place: CEI Bldg -2nd floor
Ashtabula
When: 2nd Wed . 7 PM
Contact:
Joe Schnoblen

Akron Area Commodore UG
Meeting Place: Green Middle School
Greensburg
When: 3rd Sat . 1 PM
Interests: Amiga/ Commodore
Contact:
Howard Busson
216-794-1953

Amiga Central Ohio Network AmiCON
Meeting Place: Chemical Abstract Service
2400 Olentang River, Columbus
When: 1st Sat-10 AM, 3rd Wed-7 PM
Interests: Amiga
Contact:
Chuck Cave
(614) 436-0617
(614) 263-3009 BBS
Mailing address:
P.O. Box 18311
Columbus, OH 43218

Amiga UG # 432
Meeting Place: Computer Basics
2000 North Rd. Plaza, Warren
When: 2nd Sat . 2 PM
Interests: Amiga
Contact:
Dennis Alexander
216-652-0056

Basic Bits Commodore Group
Meeting Place: Fields UM Church
34077 Lorain Rd. N. Ridgeville
When: 3rd Fri. 7:30 PM
Interests: Amiga / Commodore

CA-AUG
Meeting Place: Cleveland Indtitute of Art
11610 Euclid Ave Cleveland
When: 3rd Sat . 2-4:40 PM
Interests: Amiga
Contact:
Bill Hogsett
216-295-1624
Mailing address:
2875 Hampton Road Apt. 22
Cleveland, OH 44120

CEBUG
Meeting Place: Zion Luth Church-Huron
Huron
When: 3rd Mon. 7:30 PM
Interests: Amiga/ Commodore
Contact:
Irene Kraus

CHUGS
Meeting Place: Clark Cty Mental Health Board
1101 E. High St , Springfield
When: 3rd Sat . 1 PM
Interests: Amiga/ Commodore
Contact:
Barbara Bickel
513-322-9310

Canton Akron Massillon UG
Meeting Place: Holy Trinity Lutheran Church
55th & Middlebranch Rd. N Canton
When: 3rd Sat . 7-10 PM
Interests: Amiga / Commodore
Contact:
Roger Knop
216-499-0848

Central Ohio Commodore UG
Meeting Place: Columbus State Community College
Columbus
When: 3rd Thur. 7:30 PM
Interests: Amiga / Commodore
Contact:
Philip Lynch
614-274-0304

Chillicothe Commodore UG
Meeting Place: Salem Church corner 4th & Mulberry St., Chillicothe
When: 1st Tue. 7 PM
Interests: Amiga/ Commodore
Contact:
Bill Pietschman
614-773-2157

DACUG
Meeting Place: Kettering Rec Center
Kettering
When: 2nd Sat . 3-7 PM
Interests: Amiga/ Commodore
Contact:
Elwood Dornbusch
513-426-6558

HUG-64
Meeting Place: Old Court House
819 Park St., Findlay
When: 2nd Wed. 7 PM
Interests: Commodore
419-424-0455

L-BUG
Meeting Place: Bowie Community Center Bowie
When: 3rd Tues. 7:30 PM
Interests: Amiga / Commodore
Contact:
Lee Wiseman
301-464-1745

O.V.A.U.G.
Meeting Place: University of Cincinnati Rieveschl Hall Rm 502
Cincinnati
When: Last Thur. 7:30 PM
Interests: Amiga
Contact:
Dave Bane
513-753-3310

TRUMCUG
Meeting Place: Cortland Bank Warren Elm Road Branch
Warren
When: 3rd Wed 7:30 PM
Interests: Amiga/ Commodore
Contact:
Robert Summers
216-856-1228

The Commodore and Amiga UG Inc
Meeting Place: Grace Lutheran Church
Columbus
When: 4th Sat —2nd Mon. 10 AM -1:30PM—6:30-9:30 PM
Interests: Amiga / Commodore
Contact:
Jo-Ann Nemeth
614-253-7408

VICAP
Meeting Place: White Oak Library
Silver Spring
When: 2nd Sat. 2 PM
Interests: Commodore
Contact:
Hugh Pettis
301-434-6944

• OKLAHOMA •

Commodore Users of Bartlesville
Meeting Place: Our Saviour Lutheran Church
300 N.E. Madison Blvd, Bartlesville
When: 4th Tue Odd months/ 4th Thur Even months.
Interests: Amiga/ Commodore
Contact:
Fred Mayes
918-336-0233

TACUG
Meeting Place: Martin East Regional Lib Tulsa
When: 2nd Mon. 7:30 PM
Interests: Commodore
Contact:
Wayne Wehrrspann
918-299-4559

• OREGON •

CUA
Meeting Place: Calvary Temple Church
5th & E. Pine Center Point
When: 1st Mon. 7 PM
Interests: Commodore
Contact:
Kenneth Cote
503-779-3290

Lane County Commodore UG
Meeting Place: EWEB Community Room
Eugene
When: 3rd Sat . 10 AM -2 PM
Interests: Amiga/ Commodore
Contact:
Francis Saffell
503-342-6228

M.I.G.A.
Meeting Place: Carefree Mobile Village (rec room) Medford
When: 3rd Sat . 5 PM
Interests: Amiga
Contact:
Randy Waarrick
503-826-7510

Northwest Amiga Group (NAG)
Meeting Place: P.G.E. Auditorium
3700 S.E. 17th, Portland
When: 4th Tue. 7 PM
Interests: Amiga / Commodore
Contact:
Richard Machlan
BBS 503-656-7393
BBS 503-288-1918
503 626-3744
Mailing address:
P.O. Box 1140
Oregon City, OR 97045

• PENNSYLVANIA •

ABC Chips
Meeting Place: Sacred Heart Hospital Allentown
When: 1st Wed. 7-10 PM
Interests: Amiga
Contact:
Thomas Duff
215-865-4524

Buxmont Computer UG
Meeting Place: Lansdale Public Library, Lansdale
When: 2nd Thur. 7 PM
Interests: Commodore
Contact:
Paul Steinmetz
215-368-1949

CPACC
Meeting Place: The Computer Experience
3401 Hartzdale Camp Hill
When: last Thur. 6:45 PM
Interests: Amiga
Contact:
David Isett
717-737-9874

Users Groups

Huntingdon County Hackers
Meeting Place: Huntingdon County Library Huntingdon Br
Huntingdon
When: 2nd Sun. 2 PM
Interests: Amiga / Commodore
Contact:
Shawn Ketner
814-643-1699
814-643-2549

L.E.A.G.U.E.
Meeting Place: Stauffer Mansion
1241 Lititz Pike, Lancaster
When: 2nd Mon . 7 PM
Interests: Amiga
Contact:
Lamar Stahl
717-569-1744

Main LIne Commodore UG
Meeting Place: Villanova University
Villanova
When: 1st Sat . 9:30 AM
Interests: Amiga/ Commodore
Contact:
Emil Volcheck
215-388-1581

Nepace Commodore UG
Meeting Place: Penn State Hazleton Campos, Hazleton
When: 4th Fri (Sep - May). 7:30 PM
Interests: Amiga/ Commodore
Contact:
David Orbin
717-450-3088

North Coast Commodore UG
Meeting Place: Villa Maria College
Erie
When: 3rd Tue . 7:115 PM
Interests: Amiga / Commodore
Contact:
Calvin McAdoo
814-734-4589

Philadelphia Amiga UG
Meeting Place: MacAlistor Hall Rm 4014
16 33rd & Chestmut St. Philadelphia
When: 2nd Sat. 12:30-4:30 PM
Interests: Amiga
Contact:
Michael Levin
215-825-0548

Scranton Commodore UG
Meeting Place: Junior Achievement Center, Scranton
When: 3rd Tue . 7 PM
Interests: Commodore
Contact:
Phil Matone
717-489-7843

White Rose Commodore UG
Meeting Place: Adams Electric Cooperative, York
When: 3rd Wed. 7 PM
Interests: Commodore
Contact:
James A. Miller
717-848-9321

• **RHODE ISLAND** •

Narragansett Commodore UG
Meeting Place: Showamut Baptist Church
West Shore Road, Warwick
When: 4th Wed. 7:30 PM
Interests: Amiga/ Commodore
Contact:
Ron Maguire
401-738-6972

Warwick Commodore UG
Meeting Place: St. Barnabus Church Appanoag
When: 2nd Wed. 7:30 PM
Interests: Amiga / Commodre
Contact:
Ted Walters
401-433-5617

• **SOUTH CAROLINA** •

Commodore Computer Club of Columbia
Meeting Place: Classics
1632 Hampton St, Columbia
When: 1st Thur . 7:30 PM
Interests: Amiga /Commodore
Contact:
Buster White
803-733-9783
803-772-0305

SPARCUG
Meeting Place: Spartanburg Art Center Spartanburg
When: 2nd Sun (except May). 1:30 PM
Interests: Amiga / Commodore
Contact:
Lee Speer
803-582-5222

• **SOUTH DAKOTA** •

Aberdeen Commodore Club
Meeting Place: NW Bell Bldg
15 SW 4th Ave., Aberdeen
When: last Tue. 7 PM
Interests: Amiga / Commodore
Contact:
Dorothy Gathright
(605) 622-3880 BBS

• **TENNESSEE** •

Commodore Association of SE
Meeting Place: Bonanza
Stewart Ferry Pk & I-40 Nashville
When: Sat at noon
Interests: Amiga/ Commodore
Contact:
Thomas Kujawa
615-648-1838

Hackers
Meeting Place: Bartlett Lib
Bartlett
When: 2nd Mon-3rd Sat. 7 PM - 10 AM
Interests: Commodore
Contact:
James Patrick
901-795-0461

Memphis Amiga Group
Meeting Place: State Tech Inst At Memphis
When: 2nd Sat. 1 PM
Interests: Amiga
Contact:
Broadus Weatherall
901-767-9239

Memphis Commodore Users Club
Meeting Place: State Tech Inst Fulton Auditorium
Memphis
When: 1st Tue. 7 PM
Interests: Commodore
Contact:
Bob Nunn
901-795-0461

The Amiga Club
Meeting Place: Cumberland Museum
Antioch
When: 2nd Thur. 7 PM
Interests: Amiga
Contact:
Becky Fox Matthews
(615) 776-5438 BBS
Mailing address:
P.O. Box 218232
Nashville, TN 37221

• **TEXAS** •

CUT
Meeting Place: 7007 Memphis Ave.
Lubbock
When: 2nd Tue — 4th Sat. 7-9 PM—3-5 PM
Interests: Amiga/ Commodore
Contact:
Gayle Gafford
806-792-7121

Central Texas Amiga Computer Society
CTACS
Contact:
Arnaldo R. Cruz
BBS 512-794-9635
Mailing address:
P.O. Box 141664
Austin, TX 78714

Club Amiga
Meeting Place: Micro Search Computers
9896 S.W. Freeway Houston
When: 1st Thur. 7-9 PM
Interests: Amiga
Contact:
Joyce Burek
713-481-4704 after 4 PM

Commodore Amiga users of San Antonio
CASA
Meeting Place: Amazing Computers
7115 Blanco Ste. 114
San Antonio
When: 2nd Mon, 7 PM
Interests: Amiga
Contact:
James O. Jackson
(512) 921-1758
Mailing address:
CASA
P.O. Box 290039
San Antonio, TX 78280-1439

El Paso Amiga Users Group
EPAUG
Meeting Place: St. Pauls Methodist Church
7000 Edgemere
When: 2nd, 4th Thur. 7 PM
Interests: Amiga
Contact:
Walker Jackson
Mailing address:
6628 Mariposa
El Paso, TX 79912

El Paso Commodore UG
Meeting Place: Lincoln Cultural Arts Center
4001 Durazno El Paso
When: 2nd Thur — last Sat. 7 PM— 10 AM
Interests: Amiga/Commodore
Contact:
Blaine Snyder
915-751-9884

Longview Commodore UG
Meeting Place: Pinetree Jr. High School, Longview
When: 3rd Tue. 7 PM
Interests: Amiga / Commodore
Contact:
Eldon Boswell
214-759-9064

Mid-Cities Commodore Club
Meeting Place: Amiga Central Chapter Arlington Community Center, Arlington
When: 3rd Tue. 7:30 PM
Interests: Amiga
Contact:
Bill Keatley
817-292-6639

Mid-Cities Commodore Club
Meeting Place: Fort Worth Chapter Southwest Regional Library, Arlington
When: 3rd Sat. 1:30 PM
Interests: Amiga/ Commodore
Contact:
Eldor Luedtke Jr
817-626-0518

Mid-Cities Commodore Club
Meeting Place: Arlington / Grand Prairie Chapter
Arlington Community Center, Arlington
When: 3rd Tue. 7 PM
Interests: Commodore
Contact:
Glen Herring
817-572-0489

Mid-Cities Commodore Club
Meeting Place: Amiga By-The -Loop Chapter
N. Richland Hills Church, Arlington
When: 2nd Tue. 7 :30 PM
Interests: Amiga
Contact:
Brent Wood
817-246-3707

TOTCOM
Meeting Place: LTV
530 West Brown, Pampa
When: 1st & 3rd Thur. 7 PM
Interests: Amiga/ Commodore
Contact:
Sid Robinson

TRICUG
Meeting Place: call for meeting place
Amarillo
When: 2nd Sat. 10 AM-12 PM
Interests: Amiga/Commodore
Contact:
Wayne Martin
806-355-4577

Technical Analysis Software Users Group
TASUG
Interests: Amiga
Contact:
Mike Mead
Mailing address:
2112 Covered Wagon
Plano, TX 75074

Texas Commodore UG
Meeting Place: Lewis Hunnicutt's House
Royse City
When: call for day and time.
Contact:
Lewis Hunnicutt
214-635-9005

• **UTAH** •

Amiga Round Table
ART
Meeting Place: Weber State College, Lind Lecture Hall Rm126
Ogden
When: 2nd Sat. 11AM
Interests: Amiga
Contact:
Leonard Larsen
801-825-8121
Mailing address:
P.O.Box 602
Clearfield, UT 84015

BYU Amiga Users Group
Meeting Place: 258 ELWC on the Brigham Young University
Provo
When: 2nd & 4th Sat. 10 AM
Interests: Amiga
Contact:
Brian Koetting
801-377-2269

• **VERMONT** •

Champlain Valley Commodore UG
Meeting Place: S. Burlington Middle School (cafeteria)
S. Burlington
When: last Wed. 7-9 PM
Interests: Amiga / Commodore
Contact:
Steve Lippert
802-658-4160

• **VIRGINIA** •

Amigoid Life-Form Association
A.L.F.A.
Meeting Place: Thomas Nelson Communtiy College, Gator Room
When: 2nd Mon. 7 PM
Interests: Amiga
Contact:
Norm Goswick
804-865-7903
Mailing address:
PK Birkmeyer
4706 Maser Court
Hampton, VA 23666

CURVE
Meeting Place: Dumbarton Lib Staples Mill Penick
Richmond
When: 3rd Mon. 7 PM
Interests: Amiga / Commodore
Contact:
Kent durvin
804-321-5057

Capital Area Commodore Enth
Meeting Place: Tysons- Pimmit Regional Lib
Fairfax City
When: 4th Sat. 1:30 PM
Interests: Amiga/ Commodore
Contact:
William Tyler
703-471-0442

Portsmouth Commodore UG
Meeting Place: Portsmouth Catholic El School, Portsmouth
When: 4th Tue. 7:30 PM
Interests: Amiga/ Commodore
Contact:
Louis Parker
804-488-2249

R.A.G.
Meeting Place: Dumbarton Lib
Richmond
When: 4th Sat.
Interests: Amiga
Contact:
Bob Fisher
804-353-0225

Tidewater Commodore UG
Meeting Place: Open Door Chapel (rear)
Virginia Beach
When: 2nd &4th Thur. 7 PM
Interests: Amiga/ Commodore
804-588-5617

Washington Area Commodore UG
Meeting Place: George Mason High School
7124 Leesburg Pike, Falls Church
When: 3rd Sat.
Interests: Amiga/ Commodore
Contact:
John Krout
703-273-6074

• **WASHINGTON** •

AMUSE
Meeting Place: Lake Hills Library
15228 Lake Hills Blvd, Bellevue
When: Sat. 4:30 PM
Interests: Amiga
Contact:
Jim Boydston
206-255-2043

Amiga First Users Group of Spokane
AFUGS
Meeting Place: Various Amiga Dealers in Spokane
When: 2nd Wed. 7PM
Interests: Amiga
Contact:
Dave Harris
(503) 299-7543
Mailing address:
Rt. 2 Box 10R7
Espanola, WA 99022

Bellingham Amiga Users
Bel-Ami
Meeting Place: Bond Hall Rm 104/105 Western Washington Campus (visitors welcome)
When: 1st Wed., 7PM
Interests: Amiga
Contact:
T. Scott
Mailing address:
Bellingham Amiga User's Group
c/o P.O. Box 786
Bellingham, WA 98227-0786

Blue Mountain Commodore UG
Meeting Place: Labor Council Walla Walla, 343 S. 3rd Ave..
When: 7:30 PM
Interests: Amiga/ Commodore
Contact:
Jim Godfrey
509-529-4663

Island Commodore UG
Meeting Place: Harbor Towers 7330 700th Ave W Oak, Harbor
When: 2nd Sat. 7:30 PM
Interests: Commodore
Contact:
Carole Czlapinski
206-679-4450

O.P.U.G.
Meeting Place: Agnew Community Hall, Port Angeles
When: 2nd Thur . 7:30 PM
Interests: Commodore
Contact:
James Rosand
BBS/206-452-8601

S.T.A.G.
Meeting Place: Bates V. Tech
2201 S. 78th St. Tacoma
When: 2nd Tue. 7 PM
Interests: Amiga
Contact:
Ralph Redjou
206-581-2993

SWAMI
Meeting Place: Take A Byte Computers
815 W. Columbia Dr Kennewick
When: 2nd Thur. 7 PM
Interests: Amiga
Contact:
Chris Bosted
509-375-7709

UPCHUG
Meeting Place: Fircrest Recreation Center, Tacoma
When: 2nd, 4th Thur. 7 PM
Interests: Amiga / Commodore
Contact:
David Ockrassa
206-832-3359

Vancouver Amiga User Group
VAUG
Meeting Place: Smokey's Pizza
Hazelville
When: 2nd Mon. 7:30 PM
Interests: Amiga
Contact:
Dan Edwards
206-896-9834
BBS 206-695-3630
Mailing address:
P.O. Box 84544
Vancouver, WA 98684-0544

WACKO Walla Walla Computer Users
Meeting Place: Main lecture hall of the Life Science Center
Walla Walla College, College Place
When: 3rd Sun. 2 PM
Contact:

• **WEST VIRGINIA** •

BUG 20/64 Bluefield UG
Meeting Place: Humana St. Lukes
Southview Dr, Bluefield
When: 2nd Mon.
Interests: Commodore
Contact:
John Knowles
703-326-2140
Richard Daley

USERS GROUPS

• WISCONSIN •

CHIPS
Meeting Place: 800 East Kilbourn
West Bend
When: 2nd Wed & 4th Thur.
6:30 PM
Interests: Commodore
Contact:
Thomas Daley
414-338-3047

Lakeshore Commodore Core
Meeting Place: Lakeshore Tech
College (conf rm A) Cleveland
When: 2nd Wed . 7 PM
Interests: Amiga / Commodore
Contact:
Merwyn Beyer

Milwaukee Area Commodore Enthusiasts
MACE
Meeting Place: American Legion Post
9153 W. Beloit Road (one block south
of 92nd and Oklahoma Ave.)
When: 2nd & 4th Mon, 7PM
Interests: Amiga
Contact:
Mike Mrstik
(414) 645-0951
Mailing address:
Milwaukee Area Commoodre
Enthusiasts
P.O. Box 26216
Milwaukee, WI 53226

• WYOMING •

Casper Commodore User Group
CCUG
Meeting Place: Crazy Mountain
Software
511 E. Sunset Street Casper
When: Call for details
Interests: Amiga/Commodore 64
Contact:
Roy Pahnke
(307) 577-1963

Cheyenne Association
Meeting Place: Laramie County
Library
2800 Central Ave., Cheyenne
When: 1st Thur. 7 PM
Interests: Commodore
Contact:
Gene Rugotzke

Outside of the United States

• AUSTRALIA •

ADelaide AMiga user group
ADAM
Meeting Place: Mawson High School
Library
Colton Ave. Hove Adelaide
When: Every Mon.
Interests: Amiga
Contact:
A. Wilson
Mailing address:
G.P.O. Box 332
Adelaide, South Australia, 5000

Canberra Amiga Users Society
CAUSE
Meeting Place: Canberra Workers
Club
When: 2nd Thurs., 7 PM
Interests: Amiga
Contact:
Paul Martin
(011) 06-2532121
Mailing address:
GPO Box 596
Canberra City,
ACT 2601 Australia

CAUSe
Meeting Place: Seventh Day Adventist
Church Hall 3 Macleay St., Turner
When: 2nd Thur. 8 PM
Interests: Amiga
Contact:
John Buttle
BBS/062-551469
062-514141

Computer Users Groups of Australia
Meeting Place: St. Peters Lutheran
Church Hall
Hadley & Grand St Pittsworth, Qld
When: 1st Sat.
Interests: Amiga
Contact:
Ross Hall

• BRAZIL •

Synthesis
Meeting Place: 30260 Belo Horizonte
MG
When: Weekends
Interests: Amiga
Contact:
Alvaro Angelo
031-467-1480
Mailing address:
Rua Euclasio 357/503
30260 Belo Horizonte
MG, Brazil,

• CANADA •

Amiga-Based User Group
ABUG
Meeting Place: 519 Church Street,
Toronto Ontario,
Canada
When: 3rd Sun, 2-5 PM
Interests: Amiga
Contact:
Chris Larcombe
(416) 498-7000
Mailing address:
1795 Meadowview Avenue
Pickering,
Ontario Canada L1V 3G7

AMUC
Meeting Place: University of Calgary
Craigie Hall (RM CH119) Calgary
When: 3RD Wed. 7 PM
Interests: Amiga
Contact:
Dale Schofield
403-293-7102

Amici Amiga
Meeting Place: Auditorium of the
National Research Council100 Sussex
Dr , Ottawa
When: 2nd Wed. 7 :30 PM
Interests: Amiga
Contact:
Walt Sullivan
Mailing address:
5 Commanche Dr.
Nepean
Ontario, Canada, K2E 6E8

Brampton Commodore UG
Meeting Place: Chingscousy Lib-
Bramalea
Brampton
When: 2nd Mon 7-9 PM
Interests: Amiga/Commodore
Contact:
Daniel Berg
705-846-7981

Calgary Commodore UG
Meeting Place: Public Lib 616
MacLeod Trail SE
Calgary
When: 1st Wed 7:30 -11 PM
Interests: Amiga/ Commodore
Contact:
Ralph Dunphy
403-286-4568

Commodore Users of Edmonton
amiC.U.E.
Meeting Place: University of Alberta,
Phys Ed Building Room E120
When: 3rd Thurs. 7 PM
Interests: Amiga
Contact:
Roger Walker
BBS 403-454-2832
Mailing address:
Box 3155
Fort Saskatchewan
Alberta, Canada, T86 2T2
Peter Dahl, Secretary

Commodore Users of Edmonton
650C.U.E.
Meeting Place: Archbishop Jordan
High School
When: last Fri 7:30 PM
Interests: Commodore
Contact:
Bob Kadylo
BBS 403-466-7656

LUGNUTS
Meeting Place: St. Katherines Library
54 Church St.
When: 2nd Thurs. 7:30 PM
Interests: Amiga
Contact:
Rob Maxwell
416-227-0609
Mailing address:
7 Killarney Crescent
Thorold
Ontario, Canada, L2V 4C2

MUG
Meeting Place: Dieppe Town Hall,
Dieppe
When: 1st Tue 7-10PM
Interests: Amiga/Commodre
Contact:
Dave Quinn
506-382-9664

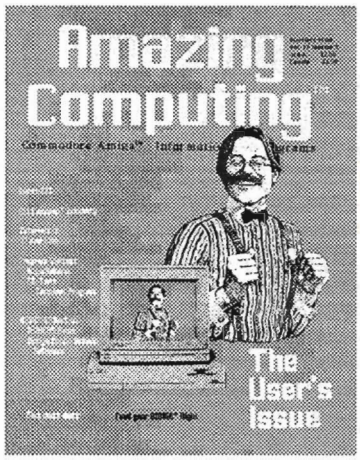
Midland Commodore UG
Meeting Place: Midland Centennial
Arena Boardroom #1 Midland
When: 1st WED. 7:30 PM
Interests: Amiga/Commodore
Contact:
Frank Murphy
BBS/705-549-7397

North Bay Commodore UG
Meeting Place: Ministry of Trans.
North Bay
When: 1st WED. 7 PM
Interests: Amiga/ Commodore
Contact:
Fred Miller
705-474-8714

Pleasantville Commodore UG
Meeting Place: Bldg 308 Langley Rd
St. John's
When: 2nd Tue . 8 PM
Interests: Amiga / Commodore
Contact:
Michael Sullivan
709-726-0136

Port Coquitlam Computer Club
Meeting Place: Hyde Creek Centre
1379 Laurier Port, Coquitlam
When: 1st & 3rd Tue
Interests: Amiga/ Commodore
Contact:
Michael Evans
604-942-4286

The Amiga Manitoba User Group
AMUG
Meeting Place: The Manitoba Hydro
Building 820 Taylor
Winnipeg, Manitoba
When: last Tues. 7:30 PM
Interests: Amiga
Contact:
Nick Blazanovic
BBS 204-786-7850
Mailing address:
BOX 98 ST. Norbert Station
Winnipeg
Manitoba, Canada, R3V 1L5



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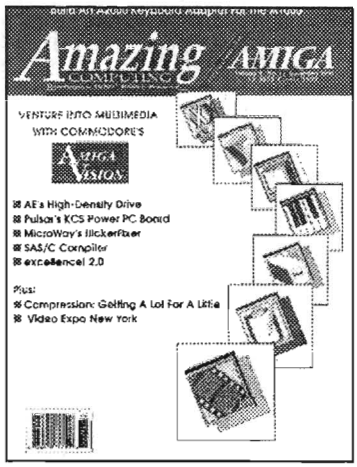


❦ Vol. 1 No. 1 Premiere, 1986
Highlights include:
"Super Spheres", An ABasic Graphics Program, by Kelly Kauffman
"Date Virus", by J. Foust
"EZ-Term", An ABasic terminal program, by Kelly Kauffman
"Miga Mania", Programming fixes & mouse care, by P. Kivolowitz
"Inside CLI", A guided insight into AmigaDos, by G. Musser

❦ Vol. 1 No. 2 1986
Highlights include:
"Inside CLI: Part Two", Investigating CLI & ED, by G. Musser
"Online and the CTS Fabite 2424 ADH Modem", by J. Foust
"Superterm V 1.0", A terminal program in Amiga Basic, by K. Kauffman
"A Workbench "More" Program", by Rick Wirch

❦ Vol. 1 No. 3 1986
Highlights include:
"Forth!", A tutorial
"Deluxe Draw!!", An AmigaBASIC art program, by R. Wirch
"AmigaBASIC", A beginner's tutorial
"Inside CLI: Part 3", by George Musser

❦ Vol. 1 No. 4 1986
Highlights include:
"Build Your Own 5 1/4" Drive Connector", by E. Viveiros
"AmigaBASIC Tips", by Rich Wirch
"Scrimper: Part One", A program to print Amiga screen, by P. Kivolowitz

❦ Vol. 1 No. 5 1986
Highlights include:
"The HSI to RGB Conversion Tool", Color manipulation in BASIC, by S. Pietrowicz
"Scrimper: Part Two" by Perry Kivolowitz
"Building Tools", by Daniel Kary

❦ Vol. 1 No. 6 1986
Highlights include:
"Mailing List", A basic mail list program, by Kelly Kauffman
"Pointer Image Editor", by Stephen Pietrowicz
"Scrimper: Part Three", by Perry Kivolowitz
"Optimize Your AmigaBasic Programs For Speed", by Steve Pietrowicz

❦ Vol. 1 No. 7 1986
Highlights include:
"Try 3-D", An introduction to 3-D graphics, by Jim Meadows
"Window Requesters in Amiga Basic", by Steve Michel
"I C What I Think", A few C graphic progs, by R. Peterson
"Your Menu Sir!", Programming AmigaBASIC menus, by B. Catley
"Linking C Programs with Assembler Routines", by G. Hull

❦ Vol. 1 No. 8 1986
Highlights include:
"Computers in the Classroom", by Robert Frizelle
"Using Your Printer With The Amiga"
"Using Fonts from AmigaBASIC", by Tim Jones
"Screen SaVer", Monitor protection program in C, by P. Kivolowitz
"A Tale of Three EMACS", by Steve Poling
".bmap File Reader in AmigaBASIC", by T Jones

❦ Vol. 1 No. 9 1986
Highlights include:
"The Loan Information Program", A BASIC program for your financial options, by Brian Catley
"Starting Your Own Amiga-Related Business", by W. Simpson
"Keep Track of Your Business Usage for Taxes", by J. Kummer
"Using Fonts from AmigaBASIC: Part Two", by Tim Jones
"68000 Macros On The Amiga", by G. Hull

❦ Vol. 2 No. 1, January 1987
Highlights include:
"What Digi-View Is... Or, What Genlock Should Be!", by J. Foust
"AmigaBASIC Titles", by Bryan Catley
"A Public Domain Modula-2 System", by Warren Block
"One Drive Compile", by Douglas Lovell
"A Megabyte Without Megabucks", An internal megabyte upgrade, by Chris Irving

❦ Vol. 2 No. 2, February 1987
Highlights include:
"The Modem", Efforts of a BBS sysop, by Joseph L. Rothman
"The ACO Project....Graphic Teleconferencing on the Amiga", by S. R. Pietrowicz
"Flight Simulator II: A Cross Country Tutorial", by John Rafferty
"A Disk Librarian In AmigaBASIC", by John Kennan
"Creating And Using Amiga Workbench Icons", by C. Hansel
"Build Your Own MIDI Interface", by Richard Rae
"AmigaDOS Operating System Calls and Disk File Management", by D. Haynie
"Working with the Workbench", by Louis A. Mamakos

❦ Vol. 2 No. 3, March 1987
Highlights include:
"An Analysis Of The New Amiga PCs (A2000 & A500)", by J. Foust
"Subscripts and Superscripts in AmigaBASIC", by I. Smith
"AmigaTrix", Amiga shortcuts, by W. Block
"Intuition Gadgets", by Harriet Maybeck Tolly
"Forth!", Put sound in your Forth programs, by Jon Bryan
"Assembly Language on the Amiga", by Chris Martin
"AmigaNotes", No stereo? Y not?, by Rick Rae

❦ Vol. 2 No. 4, April 1987
Highlights include:
"Jim Sachs Interview", by S. Hull
"The Mouse That Got Restored", by Jerry Hull and Bob Rhode
"Household Inventory System in AmigaBASIC", by B. Catley
"Secrets of Screen Dumps", by Natkun Okun
"Amigatrix II", More Amiga shortcuts, by Warren Block

❦ Vol. 2 No. 5, May 1987
Highlights include:
"Writing a SoundScape Module", Programming with MIDI, Amiga and SoundScape in C, by T. Fay
"Programming in 68000 Assembly Language", by C. Martin
"Using FutureSound with AmigaBASIC", Programming utility with real digitized STEREO, by J. Meadows
"Waveform Workshop In AmigaBASIC", by J. Shields
"Intuition Gadgets: Part II", by H. MaybeckTolly

❦ Vol. 2 No. 6, June 1987
Highlights include:
"Modula-2 AmigaDOS Utilities", by S. Faiwiszewski
"Amiga Expansion Peripherals", by J. Foust
"What You Should Know Before Choosing an Amiga 1000 Expansion Device", by S. Grant
"68000 Assembly Language Programming", by Chris Martin

❦ Vol. 2 No. 7, July 1987
Highlights include:
"Video and Your Amiga", by Oran Sands III
"Amigas & Weather Forecasting", by Brenden Larson
"Quality Video from a Quality Computer", by O. Sands
"Is IFF Really a Standard?", by John Foust
"All About Printer Drivers", by Richard Bielak
"68000 Assembly Language", by Chris Martin

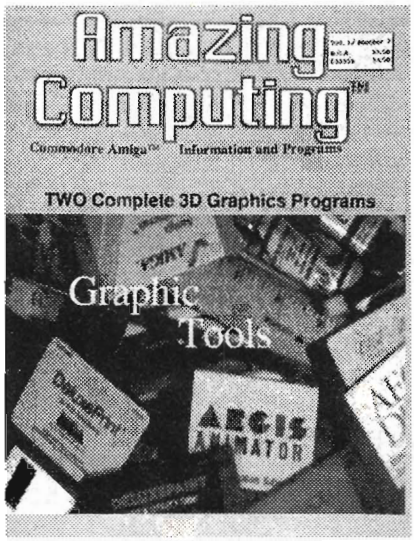
❦ Vol. 2 No. 8, August 1987
Highlights include:
"Amiga Entertainment Products"
"Modula-2 Programming"
"Assembly Language"
"Disk-2-Disk", by Matthew Leeds
"Skinny C Programs", by Robert Riemersma, Jr.

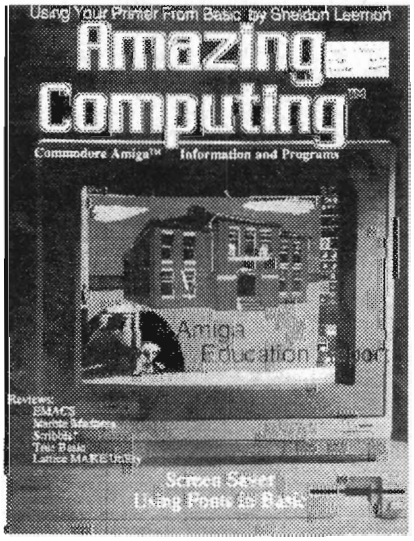
❦ Vol. 2 No. 9, September 1987
Highlights include:
"Modula-2 Programming", Raw console dev. events, by S Faiwiszewski
"AmigaBASIC Patterns", by Brian Catley
"Programming with Soundscape", by T. Fay
"Bill Volk, Vice-President Aegis Development", interview by Steve Hull
"Jim Goodnow, Developer of Manx 'C'", interview by Harriet M Tolly

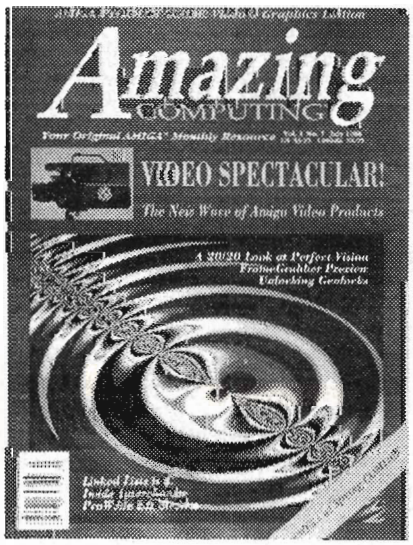
❦ Vol. 2 No. 10, October 1987
Highlights include:
"Max Headroom and the Amiga", by John Foust
"Taking the Perfect Screen Shot", by Keith Conforti
"Amiga Artist: Brian Williams", by John Foust
"All About On-line Conferencing", by Richard Rae
"Amiga BASIC Structures", by Steve Michel
"Quick and Dirty Bobs", by Michael Swinger
"Fast File I/O with Modula-2", by Steve Faiwiszewski
"Window I/O", by Read Predmore

❦ Vol. 2 No. 11, November 1987
Highlights include:
"Jez San Interview", StarGlider author speaks!, by Ed Bercovitz
"Do-it-yourself Improvements To The Amiga Genlock"
"AmigaNotes", Electronic music books, by R. Rae
"Modula-2 Programming", Devices, I/O, & serial port, by S. Faiwiszewski
"68000 Assembly Language", by Chris Martin
"The AMICUS Network", by John Foust
"C Animation: Part II", by Mike Swinger
"SoundScape Part III", VU Meter and more, by Todor Fay
"Fun with Amiga Numbers", by Alan Barnett
"File Browser", by Bryan Catley

❦ Vol. 2 No. 12, December 1987
Highlights include:
"The Ultimate Video Accessory", by Larry White







"The Sony Connection", by Stewart Cobb
"CLI Arguments in C", by Paul Castonguay
"MIDI Interface Adaptor", by Barry Massoni
"Modula-2", Command line calculator, by S. Faiwiszewski
"AmigaNotes", Audio changes made in the A500 &A2000, by Rick Rae
"Animation for C Rookies: Part III", by M. Swinger
"The Big Picture", Assembly language programming, by Warren Ring
"Insider/Kwikstart Review", RAM & ROM expansion: Comments & installation tips, by Ernest P. Viveiros, Sr.
"Forth!", DumpRPort utility for your Multi-Forth toolbox, by Jon Bryan

❦ Vol. 3 No. 1, January 1988
Highlights include:
"AmigaNotes", Amiga digital music generation, by Rich Rae
"C Animation: Part IV", by Michael Swinger
"Forth", Sorting out Amiga CHIP and FAST memory, by John Bryan
"The Big Picture", CLI system calls and manipulating disk files, by Warren Ring
"68000 Assembly Language Programming", Create a multi-color screen without using Intuition routines, by Chris Martin
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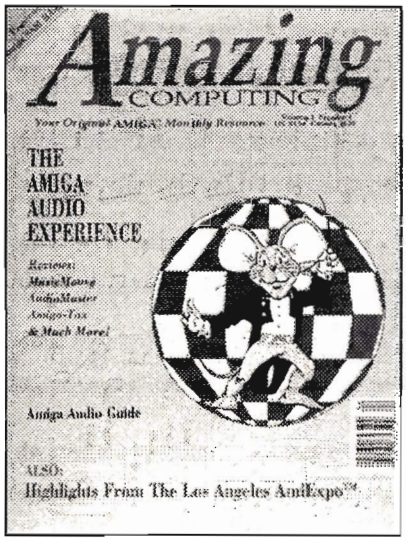

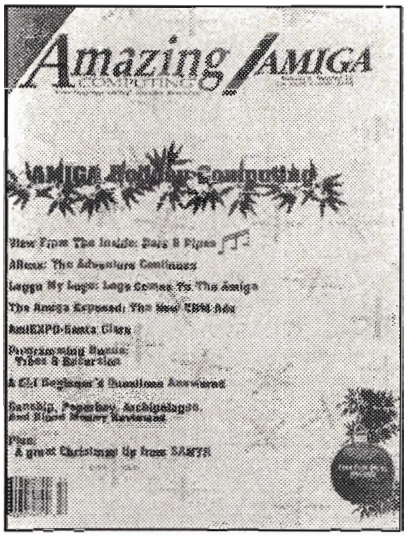

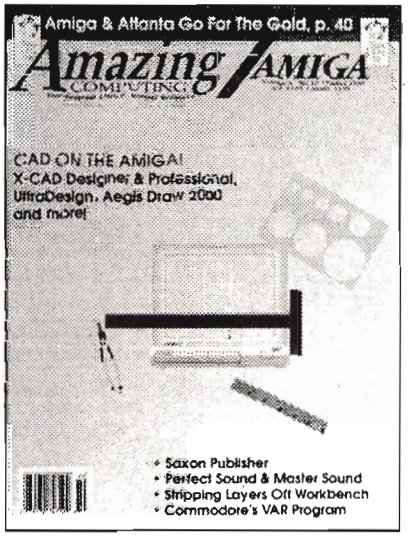

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"A Little Closer to Excellence", Kim takes us through the highlights of Micro-Systems Software's excellence!2.0, review by Kim Schaffer

FREELY REDISTRIBUTABLE SOFTWARE

'881 Math Part I: Programming the 68881 math coprocessor chip in C Author: Read Predmore AC2

'881 Math Part II: Part II of programming the 68881 math coprocessor chip using a fractal sample. By: Read Predmore AC3

'Liner 'Liner is a freely distributable outliner. It can be used to create outlines of any length, in a number of different formats, and can save the outlines as straight text for export to other programs. Version 1.32. Includes source. Author: Dave Schreiber FF285

.Blanker2 A screen blanking program that turns the screen black after 90 seconds of keyboard and mouse inactivity. Implemented as a very tiny event handler to the input handler event stream. Version 1.27.88, includes source. Author: Joe Hitchens FF146

.Diff A program that uses the same algorithm as the UNIX diff program and also produces context diffs, suitable for use with patch. This is the same version that was distributed on FF 138, but now includes the missing files (including source code). Author: Unknown (Decus C diff) FF142

.Keymap_Test A program to test the keymapping routines and find possible bugs. Useful as an example of keymapping. Author: Pushpa Kumar FF19

.Rim RIM-5 (Relational Information Manager) is a full relational DBMS that is suitable for VERY large databases using B-Tree data storage. It has a crude (by today's standards) user interface, but since full source code is provided, this can be fixed. Versions of RIM run on a wide variety of systems, small and large, and produce compatible databases. Also includes a built in HELP database and a programming language. Full Fortran source code and documentation included. Author: Various, Amiga port by Glenn Everhart FF143

1812Overture The 16 minute classical feature complete with Cannon! AM23

1D_Cells: A program that simulates a one-dimensional cellular automata. Author:Russell Wallace AC5

3D Breakout 3D glasses, create breakout in a new dimension. AM15

3D-Arm The first stage of a larger project to study goal directed animation of articulated objects (objects which can move with various degrees of freedom but are constrained by attachment to other links within the object). This program demonstrates goal directed animation with a simulated 3-dimensional robot arm. Includes source Author: Bob Laughlin FF47

3Dcube Modula-2 demo of a rotating cube. AM8

3DSolids 3D solids modeling prog. w/sample data files. ABasiC program AM1

3dsolids One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

3dstars 3D version of Leo's 'stars' program (also on this disk). Author: Leo Schwab FF33

3DTicTacToe A three-dimensional four-in-a-row version of TicTacToe, human against computer. Version 1.2, binary only. Author: Ron Charlton FF366

60or80 A small utility to toggle the 60/80 column text modes without having to go through preferences. Works from either the CLI or the Workbench. Includes source. By: Mark Schretlen FF157

64 Colors: Using extra-half-brite mode in AmigaBASIC. Author: Bryan Catley AC6

68020 Text describes 68020 speedup board from CSA. AM1

6bitcolor Extra-half-bright chip gfx demo, C program in C source code and executable. AM3

8ColorWB Modifies the Workbench so three bitplanes are used, icons can have eight colors, instead of four, eight-color icons are included. Public domain program "zapicon" or "brush2icon" converts eight-color IFF brushes to icons, to use Deluxe Paint to make icons for this new Workbench. AM25

A-Render Version.3 a Ray-Tracing Construction Set for the Amiga Computer by Brian Reed ED FF99

A68k A 68000 assembler originally written in Modula-2 in 1985 and converted to C by Charlie Gibb in 1987. Has been converted to accept metacomco-compatible assembler source code and to generate Amiga objects. Includes source. This is version 2.61, an update to the version on disk 186. Author: Brian Anderson; C translation and Amiga work done by Charlie Gibb FF314 FF110

A68k A 68000 assembler originally written in Modula-2 in 1985 and converted to C by Charlie Gibb in 1987. Has been converted to accept metacomco-compatible assembler source code and to generate Amiga objects. Includes source. This is V2.42, an update to FF110. By Brian Anderson; C translation and Amiga work by Charlie Gibb FF186

ABdemos AmigaBASIC demos. NewConvertFD creates .bmaps from fd files. BitPlanes finds addresses of and writes to bit-planes of the screen's bitmap. About Bmaps is a tutorial on creation and use of bmaps. LoadILBM loads and displays IFF ILBM pics. LoadACBM loads and displays ACBM pics. ScreenPrint creates a demo screen and dumps it to a graphic printer. Author: Carolyn Scheppner, Commodore-Amiga FF27

ABridge An interim solution to Anim-5 incompatability problems. Identifies the origin of an Anim-5 file and modifies it to facilitate easy exchange between AniMagic, Videoscape, Animation Station, DPaint III, Animation Editor(v1.11), The Director, SA4D, Movie2.0, Photon Paint 2.0 and Cel Animator. Fully intuitionalized interface, full ARexx support including a Find ARexx option if you start ARexx after running ABridge. This is version 1.0, shareware, binary only. Author: Ron Tarrant, Mythra-mations Animation and Software FF359

Access A 16 color terminal program based on Comm version 1.34 Includes new macro window, custom gadgets, colorized menus, etc. Version Beta 0.18, binary only. Author: Keith Young (based on comm by D.J. James) FF98

Accordion Demo version of a solitaire type card game. The object of the game is to condense all the cards into one pile. The cards are dealt face up from left to right, one at a time. Piles are built by moving a card or pile from the left onto a card or pile to the right. V 1.0.1, binary only. Author: Steve Francis FF260

acoustic guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Acp A copy program with file name expansion and argument interpretation like the UNIX cp. Author: Fred Cassirer FF36

Ada An Ada Syntax checker for the Amiga. Includes lex and yacc source. Author: Herman Fischer; updates by William Loftus FF154

Adapt CLI utility that converts special German characters in files imported from MS-DOS systems into the right Amiga codes. Can easily be changed to work with other languages. Version 2.2, includes source. Author: Lars Eggert FF378

Add Lets you create keyboard shortcuts for selection of menu items in programs where the author did not make provisions for such shortcuts, or chose ones that disagree with you. Also includes 'until' which waits for a specific named window to be created. Shareware, includes source. Author: John Russell FF73

addbook One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

ADDCR V1.00 Utility to add CR's before LF's in files FF168 & 169

AddKickMem Adds the KickStart memory to your free memory on an Amiga 1000 with Kickstart in ROM. FF105

addmem Executeable version for use with mem expansion article in AC v2.1. AM17

addmem.c Add external memory to the system. C program. AM4

Address Extended address book written in AmigaBASIC. Author: Mark Hurst FF32

AddressBook Simple database program for addresses. ABasiC program. AM1, AM8

ADL This disk contains a distribution of ADL (Adventure Definition Language). ADL is a superset of an older language named DDL, by Michael Urban, Chris Kostanick, Michael Stein, Bruce Adler, and Warren Usui. ADL enhancements were made by Ross Cunniff, who submitted this material for inclusion in the Fred Fish library. The standard library files 'GeneralInfo', 'Contents', and 'Distribution', along with their associated icons, have been added to the disk. The directory 'c' has been added, along with a very nice text reader program called 'less', which is the default tool for reading all the text files for which there are icons. Included here are the sources to the ADL compiler, interpreter, and debugger. The binaries were compiled by Ross with the Lattice 3.03 compiler. Ross noted in his letter that currently ADL is a CLI environment program only, but that he hopes to offer a more Amiga'ized version in the future. Also, the stack size should be set to at least 10000 before attempting to run ADL. FF91

Adventure A port of the classic Adventure game originally by Will Crowther and Don Woods. Has been extended to a 550 point version. Also speaks as it prints (though I found this feature annoying). Minimum 512K recommended. Binary only. Author: David Platt, Ken Wellsch, Dave Haynie FF82

AdvSys An adventure writing system, as described in the May 1987 issue of Byte magazine. AdvSys is a special purpose programming language that was specifically designed to be used to write computer text adventure games. Version 1.2, binary only. Author: David Betz FF87

FREELY REDISTRIBUTABLE SOFTWARE

AegisDrawDemo Demo disk of the Aegis Draw program. This is the actual production program with only the 'save' feature disabled and without documentation (intentionally). Very impressive program! Received directly from Aegis Development. Cc Version of the UNIX like C compiler front end program, for Manx C. Previous released version was for Lattice C. Author: Fred Fish FF29

Aftterm Commmunications program utilizing IBM 3278 terminal emulation. Binary only. Author: Don Brereton FF170

AHDM Amiga Hard Disk Menu. When placed in your startup sequence, AHDM offers a ten page menu, each page having up to ten possible actions. By double clicking on an action, that action will execute any legal AmigaDOS command, program, or script file. This allows you to interactively select which programs you wish to start or packages to install at boot time. Version 1.1a, binary only, demo version that only supports 2 pages of actions. Author: Scott Meek FF319

Ahost Amiga terminal emulator featuring ANSI terminal emulation, file transfer with CompuServe's B-Protocol, Kermit, and Xmodem, user definable function keys, script language, RLE graphics and a special conference mode for use with CIS. Version0.9. Author: Steve Wilhite & George Jones FF40

AirFoil An update to the Airfoil generator on FF 71. Generates airfoil models as well as their corresponding streamline and pressure distributions. Includes source. Authors: Russell Leighton Addendum by David Foster FF150, FF71

alarm Sound demonstration icon-driven part of a set on AMICUS 10 AM10

AlarmingClock A simple alarm clock program with a very alarming 'ring', particularly if you hook it up to your stereo and turn up the volume. Includes source. Author: Brian Neal FF229

algebra One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

AlgoRhythms An algorithmic composition program that improvises music over a MIDI interface connected to the serial port. A MIDI interface and synthesizer are needed. The music does not have a strong pulse, and does not repeat motifs or melodies, but can be very pretty. Version 1.0 with source in C, and sample data files. Author: Thomas E. Janzen FF356

Aliases Text explains uses of the ASSIGN command. AM1

alib Object module librarian. Author: Mike Schwartz FF2, AM2

Alice This animation is Carey's entry to the 1988 Badge Killer Demo Contest. Author: Carey T. Pelto FF212

Alint Support files for Gimpel lint to make it useful on the Amiga Author: Thomas Althoff FF34

AList A directory listing program based on Dave Haynie's LD4 program, with extensions and enhancements. Includes source. Author: Ed Kivi (original by Dave Haynie) FF108

AllocMaster Allocmaster is a program inspired by Nick Sullivan's 'Reserve' article in Amiga Transactor, for controlling the amount of both Chip and Fast memory available to the rest of the system. It is very useful for testing applications in low-memory situations. It also has a snapshot feature to report differences in available memory before and after running an application. V 1.17, binary only. Author: John Gerlach Jr. FF221

AltIcon Sets a second icon image, displayed when the icon is clicked. AM8

AMC 'Amiga Message Center' Scrolls a message from a text file across the screen on a colorful background. Similar to the 'greetings' programs developed by European Amiga enthusiasts. V1.0, binary only. By Foster Hall FF182

AmCat Shareware disk cataloging program. Suggested donation of $20. Binary only. Author: Brian Conrad FF67

amgseq1 One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

AmiBas Some miscellaneous AmigaBASIC programs, including a 3D plot program, a kaleidoscope, a C-A logo drawing program, a file comparison utility, a string search program, etc. Includes source. Author: Peter Kittel FF71

AmiBug Workbench hack makes the same fly walk across the screen at random intervals. Otherwise, completely harmless. AM24

AmicForm Creates a phonebook containing only those areacodes and exchanges reachable through PC-Pursuit. Update to the version on disk number 157. Works with the new Finalist BBS format. Version 1.4, Binary only. Author: John Motsinger FF178, FF157

AmiCron A simple UNIX 'cron' type program, which is a background task that uses a disk-resident table to automatically run certain tasks on a regular basis, at specific times. An enhanced and debugged version of AmiCron 2.3 from FF113. Includes source. Author: Steve Sampson, Rich Schaeffer, Christian Balzer FF139, FF113

AmicTerm A new terminal/communications program based on Dan James' 'comm' program, but greatly enhanced. Includes a script language, auto redialing, choice of display beep or audible beep, enhanced file requester, and more. Version .50 (beta), binary only. Author: David Salas and Albert Kirk FF82

Amiga Developer's IFF disk This is a copy of the Amiga Developer's IFF disk, received directly from Commodore-Amiga sources, with permission to place in the library and redistribute. It is an update to FF16, and is unchanged except the volume name has been changed to AmigaLibDisk64.Enjoy-Fred. FF64, FF16

Amiga Flight Simulator IIAMICUS Scenarios Disk 16 contains several files of scenarios for Amiga Flight Simulator II. By putting one of these seven files on a blank disk, and inserting it in the drive after performing a special command. In this game, a number of interesting locations are preset into the Flight Simulator program. For example, one scenario places your plane on Alcatraz, while another puts you in Central Park. AM16

Amiga Kermit V4D(060) port of the UNIX C-Kermit. AM17

amiga-copy One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

amiga3d Shows a rotating 3 dimensional solid 'Amiga sign'. No source available, executable only (downloaded from a Denver BBS). Author: Barry (bart) Whitebook of C-A FF12, FF14

AmigaBBS AmigaBASIC bulletin board C program. AM12

AmigaBench Optimized Amiga assembly versions of the Dhrystone benchmark. Includes 68000 and 68020 versions. Author: Al Aburto FF236

amigademo Graphical benchmark for comparing Amigas. Author: Charlie Heath (MicroSmiths) FF1

AmigaDisplay Yet another variation of a terminal emulator program. This is a modified AmigaTerm that can emulate a dumb terminal (interesting paradox here somewhere...), translate line termination sequences, optionally capture or discard control characters in the captured file, use audible bell, use another font, etc. Author: Don Woods (Original code by Michael Mounier) FF18

AmigaFox A text processor with graphics capabilities. Version 1.00, binary only. Author: Michael Wust FF315

AmigaHost V0.9 for Compuserve. Includes RLE graphics abilities & CIS-B file transfer protocol. AM17

AmigaLine A series of various technical notes for Amiga programmers. Author: Byrce Nesbitt FF138

AmigaMonitor Dynamically display the state of the machine, including open files, active tasks, resources, device states, interrupts, libraries, ports, etc. Display window into memory. Version 1.13, binary only (source available from author). Author suggests $15 donation. Author: Jim Voris FF70, FF40, AM15

AmiGantt A project definition and management tool designed to create a simple, interactive method of outlining the task required to complete a particular project, using the GANTT chart as the input format. AmiGantt displays the project in a multi-window mode with separate windows for the GANTT chart, task information input, resource histogram display, and Pert chart display. Up to 500 tasks may be defined for any project, and a project may contain other projects as tasks. Version 3.0.0, shareware, binary only. Author: Donald Tolson FF248

AmigaPunt A program designed to predict the performance of horses in a race. The premise is that the factors affecting a horse's performance, and ultimately the result of the race, can be given a value. Binary only. Author: Pierre A du Parte FF272

AmigaSpell Very nice intuition oriented shareware spelling checker, version 2.0, binary only. Author: Mike Berro FF67, AM8

AmigaTCP The KA9Q Internet Software Package supports IP, ICMP, TCP, UDP, and ARP as basic services, and implements the FTP, Telnet, and SMTP protocols as applications. It runs on IBM PC and clones, the Apple Macintosh, and the Amiga. Includes source. Author: Bdale Garbee, Phil Karn, Brian Lloyd FF225

amigaterm Terminal emulation program with xmodem upload/download capability Author: Michael Mounier FF1

AmigaToAtari Source code for an Amiga to Atari ST object code format converter. Takes Amiga objects as input and produces Atari objects as output. This allows the Amiga to be used as a cross development machine providing the proper libraries are available. (Currently does not work, but I don't have an ST to try it with anyway...) Author: Landon Dyer at Atari Corp. FF20

FREELY REDISTRIBUTABLE SOFTWARE

AmigaTrek I Three stories which are a parody of the Star Trek series, with an Amiga flavor. Author: Mike Smithwick FF278

AmigaTrek II A continuation of Mike's Amiga Trek stories, which are parodies of the Star Trek series, with an Amiga flavor. Author: Mike Smithwick FF320

amigatricks Text, tips on CLI commands. AM5

AmigaVenture A program which allows you to write your own Infocom-style adventure programs in AmigaBASIC. It is a full-featured adventure parser, including direct and indirect objects, multiple object processing, adjectives, automatic ambiguity resolution, and subordinate clauses. The parser includes support for one, two, or three-word verbs, and a full set of object-manipulation primitives. Author: Mitsuharu Hadeishi FF41

AmigaWave This is Allen's entry to the 1988 Badge Killer Demo Contest. It is an animation with sound effects by: Allen Hastings FF211

AmiGazer Compute a view of the night sky, using a database of 1573 stars, for any date, time of day, and latitude. Click on stars for info about them. Binary only. Author: Richard Horne FF90

AmiGo A Go board and player for the Amiga. You can play against another human, against the Amiga, or have the Amiga play itself. Version 1.0, includes source. Author: Todd Johnson, Stoney Ballard FF289

AmiOmega Amiga port of the Omega game. Omega is similar to hack or rogue, but is much more complex. There is a city, several towns, a wilderness, lots of dungeons, a multitude of monsters, lots of spells, magic items, etc. There are several quests to complete. All in all, it is an excellent game. Requires 1Mb or more of memory. Amiga version 1.0, binary only. Author: Laurence Brothers, Amiga port by Rick Golembiewski FF320

Amoeba This clone of Space Invaders is one of the best freely redistributable games for the Amiga to date. Unlike many commercial games, it even works correctly in a multitasking environment (by not requiring you to reboot just to play a game). Highly recommended! Binary only. Author: LateNight Developments FF120

AMon 1.1 Snoop on system resource use. Executable program and documentation. AM19

amortize Loan amortizations program in AmigaBASIC. AM11

AmScsi Preliminary documentation for a hardware project to build a SCSI controller board. The design does not support DMA or AUTOCONFIG'ing. Author: Rich Frantz FF66

AMUC_Demo A really neat horizontal scrolling demo that is a 2400 x 200 pixel 32 color IFF picture composed of Digi-View snapshots of members of the AMiga Users of Calgary, superimposed on a very wide picture of the Calgary Skyline. Binary only. Author: Stephen Vermeulen and Stephen Jeans FF117

AMXLISP Amiga-ized version of the XLisp interpreter originally by David Betz. V2.00, includes source. By David Betz; Amiga work by Francois Rouaix FF181

AmyLoad A graphical monitor of CPU, blitter, and memory use. Includes two components; load.device, which monitors system parameters, and amyload, which is the user interface and display program. Includes source. Author: Jeff Kelley FF111

AnalogJoystick Software support for use of analog joysticks on the Amiga. Includes a driver, a header file for code that calls the driver, and an example program that uses the driver. Includes source. Author: Dave Kinzer FF247, AC4

AnalytiCalc A full featured system for numerical analysis and reporting. Includes a spreadsheet, graphics programs, documents and facilities for performing many commonly needed functions. Features include an 18000 by 18000 cell spreadsheet using virtual memory, random access to other saved spreadsheet formulas or values, easy save or merge of partial sheets, up to 400 windows on screen, ability to drive any cell from external macros, built in matrix algebra, random number generation, date arithemetic, and much more. This is version V24-01a, an update to FF176. Binary only. Author: Glenn Everhart FF328, FF176, FF144, FF104

Analyze Templates 12 templates for the spreadsheet Analyze. AM11

AnimalSounds A sample of digitized animal sounds along with a simple sound player. Authors: The Trumor Company, Inc. Sound Player by Don Pitts FF149

Animate Tutorial describes animation algorithms, by John Draper. AM2

Animation? BASICally: Using cell animation with AmigaBASIC. Author: Mike Morrison AC7

Animations VideoScape animations of planes and boing ball. AM22

Animations Some animations made with Aegis Animator. Includes a player program Author: Aegis Development FF53

AnimBalls A nifty little animation program that allows you to create a collection of balls in three-space and then interactively rotate them in real time using the mouse. Includes source. Author: Jim Guilford FF157

AnimPlayer An animation reader and displayer that is the result of a consortium of animation software developers, which includes the authors of Videoscape, Sculpt3D, Silver, Forms-In-Flight, and Animator:Apprentice. Includes source. Author: Martin Hash et al. FF96

AniPtrs Some cute animated pointers. I have adopted one of them as my permanent replacement for the boring red arrow. Binary only. Author: Bob McKain FF332

Aniptrs2 Some more animated pointers to choose from to liven up your display environment. Binary only. Author: Bob McKain, pointer animation program by Tim Kemp FF364

ansi.txt escape sequences the CON: device responds to. AM15

AnsiEcho Some commands written in assembler. Includes an echo command, touch, list, cls (clear screen), and ask (wait for user input). Author: Dewi Williams FF39

ANSIEd Demo version of an ANSI screen file editor. It allows you to easily create and modify a screen of ANSI-style text/graphics on the Amiga. The standard ANSI color set (red, green, yellow, blue, magenta, cyan, white) and text styles (plain, boldface, underlined, italic) are provided, along with some simple editing and drawing functions. This demo version has the save features disabled. This is version 1.3.0. Binary only. Author: Greg Epley FF324, FF221

ANSIMaster ANSI editor that provides the full IBM font set and color capability. Very useful for the design of custom ANSI screens/graphics for telecommunications. Version 1.0, binary only. Authors: James Davis and Joe Rattz, Jr. FF378

AnsiRead2 Bridges the gap between IBM and Amiga ANSI by displaying IBM ANSI text and graphic animations (as usually captured from bulletin boards) in their full intended colors and motion. Includes several samples. Version 0.2, binary only, shareware. Author: Glenn Kauffman FF377

AntiCBS An animation cooked up by Leo in protest of CBS's coverage of the Hacker's Conference in Oct 88. After reading the transcript I was angered enough to feel this needed widespread distribution, even though it is quite old. by: Leo 'Bols Ewhac' Schwab FF217

Append CLI utility that allows you to directly append one or more files to another without having to use the roundabout methods necessary with the AmigaDOS join command. Version 1.0, includes source. Author: Oliver Enseling FF379

AQData Information to aid users in updating B. Lennart Olsson's Aquarium Version 1.12 database. Includes information on disks up to number 360. Author: Howard Hull FF369

Aquarium A program for searching through a special database containing information about the contents of the library, in order to find programs that match a specified list of conditions. Includes a database of disks 1-300, and a program to add the contents of future disks to the database. Binary only. Author: B Lennart Olsson FF301

ar Text file archive program, C program in C source code and executable. AM2

Arc The ubiquitous compressing archiver program that has become the defacto standard for distributing binaries and multi-file postings on most BBS's. This is Amiga version 0.23, a port of arc version v5.0, binary only. Author suggests $35-$50 donation. Author: System Enhancement Associates Amiga version by Raymond Brand FF70, FF40, AM8, AM17

ArchEdge Intuition interface for several of the more popular archiving utilities such as ARC, ZOO, LHARC and PAK. Includes an Auto-Pad function that will automatically add some morsels for the modem. Version 1.5, includes assembly source. Author: Robert Lang FF362

Archx Yet more programs for bundling up text files and mailing or posting them as a single file unit. Author: Martin Minow FF26

ArcPrep ArcPrep prepares files and/or directories for archival with arc or any other program that can't scan through different directories and/or handle long filenames. V2.1, includes source. Author: Garry Glendown FF214

arcre for making "arc" files E.C. AM17

ARCre Creates rename scripts so that files with long names can be easily archived and de archived correctly by 'arc'. Author: John Hoffman FF53

AreaCode Program which decodes area codes into state and locality. Version 1.5. Author: Bill Beogelein FF40

Arexx Part II: Information on how to set up your own ARexx programs with examples. Author: Steve Gilmor. AC7

FREELY REDISTRIBUTABLE SOFTWARE

Argoterm Terminal program with speech and Xmodem, Assembler program. source code and executable program. AM3

ArgoTerm Yet another terminal emulator program. However, this one is written in macro assembler, so should be of interest to anyone doing serious assembly language development. Version 0.20 Author: Jez San FF12

Args: Passing arguments to an AmigaBASIC program from the CLI. Author: Brian Zupke AC2

Arp ARP stands for 'AmigaDOS Replacement Project'. Arp is an effort led by Charlie Heath of Microsmiths Inc., to replace the current DOS in a compatible fashion, so that current programs will continue to work. Arp also makes whatever improvements are possible, so that current and future pro, FF53grams will work better. Author: Various authors contributed work FF123

ARPTools A group of small utility programs requiring ARP, that have been created to address some deficiencies of the ARP CLI environment, especially to exploit the potential offered by non-named pipes in the ARP shell. Version 1.0, includes source. Author: Fabio Rossetti FF284

Arrange A text formatting program, Executable program. AM3

arrow3d Shows a rotating 3 dimensional wire frame arrow. No source available, executable only (downloaded from a Denver BBS). Author: Steve Beats of C-A FF12

ArticFox.pic A IFF screen from ArticFox. AM6

ARTM ARTM (Amiga Real Time Monitor) displays and controls system activity such as tasks, windows, libraries, devices, resources, ports, residents, interrupts, vectors, memory, mounts, assigns, fonts and hardware. Includes both a PAL and an NTSC version. This is version 1.0. Binary only. Author: Dietmar Jansen and F. J. Mertens FF327, FF277

As6502 Contains a portable 6502 assembler, including source in C. Author: J. Van Ornum; Amiga port by Joel Swank FF92

ASDG-rrd Useful shareware recoverable ram disk. This AmigaDOS device driver implements a completely DOS compatible disk device in memory that survives resets, guru's, and crashes. An absolute must for those with lots of ram. . It now works with up to 8Mb of memory. and is written in assembly. Binary only. By: Perry Kivolowitz, ASDG Inc. FF241, FF58

ASendPacket Example program for sending multiple packets asynchronously to a DOS handler, for those interested in implementing programs with a synchronous AmigaDOS file I/O. Author: Phillip Lindsay FF35

Ash Prerelease version of a C-shell like shell program. Has history, command substitution, loops, etc. By: Thom Smith FF18

Ash A ksh-like shell for the Amiga. Some of its features include command substitution, shell functions with parameters, aliases, local variables, local functions, local aliases, powerful control structures and tests, emacs style line editing and history functions, I/O redirection, pipes, large variety of built-in commands, Unix style wildcards, Unix style filename conventions, filename completion, and coexistence with scripts from other shells. Very well documented. V1.0, binary only. By: Steve Koren FF279

ASimplex An implementation of the Simplex algorithm for solving linear programs. It uses the standardized MPSX-format for input data files. This is version 1.5, an update to version 1.2 on disk 199. Changes include bug fixes, the ability to run from CLI, it's own window for I/O, and some new and improved commands. Includes source. Author: Stefan Forster FF250, FF199

Ask questions an 'execute' file, returns an error code to control. AM15

AskTask Allows you to examine various bits of the task structures of all tasks in the system, from the lists attached to ExecBase. Diskplays priority, state, flags, stack, signals, etc. You can also remove tasks, change the priority of a task, or send arbitrary signals to a task. Version 2/4/89, with source. By J. Bickers FF230

Asm A shareware macroassembler, submitted by the author. Asm is a 68010 macro assembler that is compatible with the assembler described in the AmigaDOS manual. This is version 1.1, an update to the version on FF46, and includes bug fixes, additional standard Motorola mnemonics and a simple startup code module. Author: Douglas Leavitt FF50, FF46

Asm68k Full featured macro assembler, version 1.1.0, binary only. Well documented. By: W. Wesley Howe FF81, FF69, FF66

AsmExamples A couple of assembly code examples. Executables are not extremely useful but the code might be of considerable benefit to beginning assembly language programmers. Author: Henrik Clausen FF155

AsmFilter In AmigaBASIC turns the output of the Metacomco disassembler into a file that can be reassembled. FF105

AsmProgs Some misc assembly tools, programs, etc. FF105

asmsupp.i Sample library example AM5

AsmToolBox An assembler 'toolbox' created to make interfacing between assembler programs and AmigaDOS easy. Includes source. Author: Warren Ring FF136

AsmTools Some CLI type tools, written in assembler (echo, load it, mounted, setlace, why). With source. By: Bryce Nesbitt FF79

ASpice A version of the SPICE 2G.6 circuit analysis program which has been modified to run in the Amiga environment. The program arrays are adjusted to require one tenth the memory of the DEC VAX version. Although this does not usually put much of a constraint on circuit analysis, some users who are used to the full mainframe environment may have to be more aware of the memory demands of their analysis. Requires a minimum of 1 MB memory. This version neither supports nor requires the 68020 processor or 68881 coprocessor. This is Amiga version 5.1, an update to FF177. Binary only. Authors: Many, see Documentation. Amiga port by Dan Warns. FF278, FF177

AssemblyDemos An interesting group of assembly language demos for your visual and aural pleasure. Binary only. Author: Foster Hall FF154

AssemTools A collection of files of great interest to Amiga assembly language programmers. The collection includes 140 macro routines which make assembly language programming a lot easier. There is also a library of routines containing buffered C-like file handling functions (fopen, fclose, fgets, fputs, etc) and a file name requester. All routines are re-entrant. Includes source for example programs using the macros and library, and a 65c02 cross macro assembler. Author: Jukka Marin FF247

Assign Replacement for AmigaDOS assign command, written in C. Author: Charles McManis FF52

AssignDev Assigns multiple names to a given device. For example, allows the names 'df0:' and 'df3:' to refer to the same physical device. This is a modified version of the original released on FF79. Includes source. Author: Phillip Lindsay, mods by Olaf Seibert FF111, FF79

Assigned Same code showing how to find out whether or not a name has been assigned (via the DOS ASSIGN command) before using it, thus avoiding the DOS Insert-Disk requester. Includes source. Author: Dan Green FF66

Asteriods 'blast the asteriods' type game. Unique feature is that all the images and sounds are replaceable by the end user. So instead of ships and rocks, you can have an Amiga against a horde of IBM PC's if you wish. Author: Rico Mariani FF122

AsteroidField This is Michael's entry for the 1988 Badge Killer Demo Contest. It is a large animation of a spacecraft flying madly through an asteroid field (chased by unseen foes) that includes a couple of near misses. Author: Michael Powell FF208

At Your Request: Using the system-supplied requestors from AmigaBASIC. Author: John F. Weiderhim AC3

ATerm V7.2 Term prog. includes Super Kermit. AM17, AM1

ATOF A small utility that allows you to use the fonts of another disk without using the CLI. Version 1.0, binary only. Author: Roger Fischlin FF245

ATPatch A program which reportedly will patch the Amiga Transformer for operation under Workbench 1.2 (I don't have one so I couldn't test it). Includes source. Author: Philip Staub FF61

Atree A disk utility which imitates similar utilities widely available on IBM compatibles (PC Tools, Xtree, QuickDos, etc). The intent is to allow the user a graphic representation of the entire directory structure on a disk device, including the files in each directory, and the capability of moving quickly through the tree to a directory to access its files. Version 1.7, binary only. By: Don Schmidt FF289

AudioTools Demo programs from Rob Peck's article in the July/August issue of Amiga World on accessing the audio device This is version 2, an update to the release on FF84. Includes source. Author: Rob Peck FF94, FF84

AutoEnquirer An example of a screen contraption that is like a requester except that it's not quite as demanding, goes where you want to put it, and remembers where it was put. Includes source and Manx'ified version of Chris Gray's fractalish terrain generator as a demo. Author: Howard Hull FF89

AutoFacc Autofacc automatically shrinks the ASDG FACC window and moves it to the back. Also allows the number of buffers to be increased or decreased. Most useful from the Startup-Sequence file while booting. Binary. By: Andry Rachmat FF81

AutoGraf Collects and graphically displays information on auto mileage. Features such as miles per gallon, cost per mile, miles driven, highs, lows, averages, etc. Includes sample data file, a couple utility programs and source. V1.0 By: Joel Swank FF166

FREELY REDISTRIBUTABLE SOFTWARE

AutoIconOpen Example code to fool WorkBench into thinking it is receiving mouse inputs that select and open icons. This is version 1.2, an update to the version on FF73. Includes source. Author: Tony Wills FF87, FF73

Automat Cellular automata simulation. AmigaBASIC Program. AM3

Automata Four cellular automata programs. AutomaTron is a one dimensional cellular automation, Crud is a automation based on a sum index rule, Demon is a cyclic space automation described in the Aug 89 Scientific American, and Life is one of the oldest and best known of all cellular automata. Includes source. Author: Gary Teachout FF249

AutoPoint Autopoint serves two functions: It automatically selects the window underneath the mouse pointer and it provides a very nice screen saver facility. Binary. By Jude Katsch FF86

AutoRequester example. AM14

autorqstr.txt Warnings of deadlocks with auto requesters. C program. AM4

AuxHandler Example of a DOS handler that allows use of a CLI via the serial port. Includes source. Author: Steve Drew FF79

AvailMem A small free memory counter that continuously displays the amount of free chip and fast memory in bytes (as opposed to K). V1.03. With source. Author: Dave Schreiber FF285

Avi An Amiga work-alike version of the UNIX vi editor. Though not especially recommended for beginners, designed for those of you who may have the vi commands permanently hard-coded into your fingertips! V1.0, binary only. By: Peter Nestor FF162

AvlTrees Library and test program that implement routines for creating and using balanced binary trees (AVL trees) held entirely in memory. Includes source. Author: Paul Vixie FF103

Az A nice little text editor that is fast, simple to use, and very Amiga'ized-lots of new features, bug fixes, and other im-provements. Binary only. By: Jean-Michel Forgeas FF346, FF228

AZComm Modified version of Comm 1.34 that contains Zmodem send, receive, and resume receive. Version 1.00, Binary only. Author: SS. Patel, based on Comm 1.34 by DJ James FF171

AztecArp An Arp package fixed to work with the 5.0 release of the Aztec 'C' compiler. The original Manx support files were incomplete, contained bugs, and had the wrong linker format. This is an update to the version on disk number 353, fixing a couple of bugs and adding some new useful features. Includes source. Author: Olaf Barthel FF376, FF353

Back 2 programs to assist users of Matt Dillon's Backup/Restore program in making error-free VERIFIED backups onto floppy disks and useful as a trackdisk device example. With source. By: Stephen Vermeulen FF284

BackDrop Backdrop allows you to define a pattern which will then be displayed on the workbench screen in the normally empty area behind all the windows. Similar in concept to DropCloth, but this one does not require workbench to be loaded (and does not cohabit very well with workbench). Includes source. Author: Eddy Carroll FF216

BackGammon A graphical Backgammon game done as an undergraduate A.I. course project. Version 1.0, includes source. Author: Robert Pfister FF120

Backgammon Another game in ABasiC by the author of Monopoly. Author: David Addison FF28

Backup Backup and Restore allow you to backup any directory tree with optional compression, and later extract all or part of the tree. The protection, date, and file comment are saved with each file. This is V2.04, an update to FF168. Binary only. Author: Matt Dillon FF258, FF168 & 169

Backup A simple backup program that writes normal AmigaDOS disks as the backup destination. To recover files, you just copy from the backup disk. Requires manual decisions about what subdirectories to backup to what disks to make everything fit. Includes source. Author: Alan Kent FF98

Badger Reminder program for your startup-sequence. Badger will open a window and display any important events that are 'due'. Badger will not bother you if there is nothing to report. Events are entered via menu and prompts. Binary only, shareware. Author: George Kerber FF365

Ball Draws a ball, an AmigaBASIC Program. AM8

Balloon This animation with sound effects is Dave's entry to the 1989 BADGE Killer Demo Contest. Binary only. Author: Dave Schreiber FF272

balls Simulation of the 'kinetic thingy' with balls on strings where only the end balls move (quick, can YOU come up with a better description?). Anyway, cute. Author: Perry Kivolowitz FF1

BallyIII Amiga port of the former arcade game named Click. This version fixes some minor bugs and is faster than the previous versions. This is version III. Binary only, shareware. Author: Oliver Wagner FF232, FF221, FF205, FF181

BambooTiger BambooTiger in LoRes FF72

band One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

banjo Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Bankn A complete checkbook system offered by the author as shareware. Update to version on FF120. Version 1.5, binary only. Author: Hal Carter FF163, FF120, AM20

banner Prints horizontal banner (across screen). From Decus C distribution of several years ago. Author: Unknown FF4

BasicBoing An AmigaBASIC program which shows animation by page flipping. Precalculates all views of a rotating 3Dimensional cube and then cycles through them rapidly for animation Author: Arthur Blume FF43

BasicProgs Some more AmigaBASIC programs. LeastSquare solves least squares problems and graphs the results. Curves is a demo of one use for LeastSquare (find curves to fit a set of points). Freud is a Freudian analysis program. Includes source, needs AmigaBASIC from Extras. Author: George Trepal FF105

BASICSorts Examples of binary search and insertion sort in AmigaBASIC. AM22

BasicStrip An AmigaBASIC program that helps to convert programs written in other forms of Basic to AmigaBASIC. Author: George Trepal FF121

bass guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Batch Files: Executing batch files from AmigaBASIC. Author: Mark Aydellotte AC4

Batchman A program that allows the user to execute CLI programs and batch files simply by clicking on a gadget. It can be used as the center of a turnkey system, where the user simply clicks on gadgets to launch applications. Version 1.1, includes source in Modula-II. By: Michal Todorovic FF325

BattleForce A nicely done shareware game, submitted by the author, that simulates combat between two or more giant, robot-like machines. This is version 3.61, an update to version 3.01 on disk 205. Binary only. Author: Ralph Reed FF273, FF205

Bawk Text processor inspired by the UNIX Bawk utility. This is an update to the copy released on FF 65. Bawk searches files for specific patterns and performs actions for every occurance of these patterns. The patterns can be regular expressions. The actions are expressed using a subset of the C language. With C source. By: Bob Brodt; Amiga port by Johan Widen FF92, FF65

BBChampion This is BootBlockChampionIII, a very nicely done program that allows you to load, save, and analyze any bootblock. V3.21. New features include checks for five different LAMER viruses. Binary only. By Roger Fischlin FF298, FF244,

Bbm Demo of B.E.S.T. Software's Business Management System. A full implementation with file sizes reduced for demo purposes. by Business Electronics Software & Technology Inc. FF43

BBS A BBS for the Amiga (BBS-Amiga Version 1.1). Author: Ewan Grantham Author's suggested shareware donation: $25 FF30

BbsList A list of Bulletin Board Systems which support the Amiga. The list was compiled from a list on Delphi, Compuserve, bathroom walls, etc. Author: Dick Sheffold FF43

BeachBirds Jerrold Tunnell's entry to the Badge Killer Demo Contest. Uses sprites and sound to portray a beach scene. Runs on a 512K machine. Binary only. Author: Jerrold Tunnell FF112

beep Source for a function that generates a beep sound, like CTRL-G on a VT100 terminal. Author: Samuel Dicker @ Commodore-Amiga FF14

bells Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Berserk This animation, unveiled at the September 87 meeting of the First Amiga Users Group, got Leo a standing ovation. It is a 'must see' for every Amiga user, and ranks up there with 'Juggler' as a premier demo for the Amiga. The difference between this distribution, and the one on disk 100, is that this one includes 'source'. I.E. it contains all the object descriptions necessary to recreate the animation. Thus you can, if you like, try modifying various objects to create slightly different animations, or use it as an example for creating your own animations. Seldom does a disk get devoted to a single program, however animation is one of the Amiga's greatest strengths, and I felt it was appropriate to have at least one animation that was available at the 'source code' level. Author: Leo Schwab FF132, FF100

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Berserker A virus killer which checks for certain conditions indicating possible virus infection. Different from other programs of this kind, Berserker does not rely on checksums only, it will also check the possible virus behind the altered checksum. Therefore even new viruses with old infection methods can be traced and resident tools are not touched. Includes source in assembly language. Author: Ralf Thanner FF355, FF280

ertrand A graphics demo. AM8

Better String Gadgets: How to tap the power of string gadgets in C. Author: John Bushakra AC4

Bezier Simple programs to allow you to fool around with Bezier curves, using the mouse to move the points that define the curve and a prop gadget to change the granularity of the curve generation loop. Includes source. Author: Matt Dillon FF75

bgrep Another grep like utility, also using the Boyer-Moore algorithm. Author: Roy Mongiovi and Arnold Robbins FF4

BI A brush to C code image converter. This is version 1.3, an update to version 1.0 on disk number 184. Contains bug fixes and support for AmigaBasic. Binary only. Author: Terry Gintz FF375, FF184

Bigmap Program which demonstrates how to use the low-level graphics calls, ScrollVPort especially. Demonstrates scrolling around inside a very big bitmap. Author: Leo Schwab FF33

BigView Displays any IFF picture, independent of the physical display size, using hardware scroll. Default display size is 320 by 200 in lo-res; HIRES or LACE attributes added if user width/height exceeds low resolution boundaries. Includes source. Author: John Hodgson FF58

Bind A binding (glue) library builder. Takes a standard '.fd' (function definition) file and generates a binding library for the functions defined in the '.fd' file. Version 1.2, an update to the version released with midilib on disk 227. Binary only. Author: Bill Barton FF309

Bison A replacement for UNIX 'yacc' command. This is from the GNU (GNU is Not UNIX) effort. Contains updates to the version on FF136, submitted by two separate sources. Includes source. Author: Bob Corbett and Richard Stallman, updates by William Loftus and Scott Henry FF155, FF105, FF136, FF51, FF4

BlackBook Keeps track of those important phone numbers and addresses. Shareware, author suggests $30 donation. Author: Craig Nelson FF70

BlackBox The black box is an 8x8 grid in which several 'atoms' are hidden. Your job is to find the atoms. You have at your disposal a ray projector which you can use to send rays into the box from any of the 32 spots around the box. Binary only. Author: Tim Kemp FF178

BlackJack A line oriented (no graphics) blackjack game. Author: Unknown FF19

Blink A linker written as a replacement for Alink. Fully Alink compatible and supports many additional options not found in Alink. Also is much faster than Alink and produces smaller executable files. Version 6.5. Author: Combined efforts of the Software Distillery FF40, FF34, AM12

Blit This animation is Richard's entry to the 1989 BADGE Killer Demo Contest. An interesting feature of this animation is that it uses the Copper to show the lower right corner of the screen in Hi-Res, while leaving the rest of the screen in Lo-Res. Binary only. Author: Richard Addison FF276

BlitDemons This program implements the Demons cellular automaton as described in the August, 1989, issue of Scientific American. Using extremely simple rules it exhibits rather complex behaviour. Uses the blitter to perform over 350,000 cell- generations per second. Version 1.0, includes source. Author: Walter Strickler FF256

BlitLab Blitlab is a program which lets you experiment with the blitter, to your hearts content, in relative safety. It opens a workbench window with gadgets for all the registers of the blitter, and allows you to manipulate individual registers and perform blits on a magnified bitmap. V 1.4, an update to FF84. Includes source. Author: Tomas Rokicki FF191, FF84, FF69, AM20

BlitterSand An interesting cellular automata program that gets its roots from a 'sandpile'. Intriguing to watch. Includes assembly source. Author: Mike Creutz FF387

Blitz Blitz is a small program that is designed to be loaded into memory and that sits in the background until activated by its hot key. It allows you to view a text file, much like a TYPE command, only that it lets you move forwards and backwards through the file. Its screen updates are blitz'n. Binary only. By: Hayes Haugen FF60

BlitzFonts Blitzfonts makes text output up to 6 times faster, transparently to well behaved programs. It is also very small and written 100% in assembly for maximum speed. Binary only Author: Hayes Haugen FF60

Blk A requester making tool employing various recursive algorithms including a recursive parser. It takes input text files and converts them to C-source for including as requester declarations. Update to FF152, with many enhancements. Includes source. Author: Stuart Ferguson FF191, FF152

Blob Another screen hack. Makes red drops of slime flow down your screen. Version 1.1, includes source in C. Author: Guido Wegener FF358

Blobs A simple graphics program, reminiscent of the UNIX 'worms' program, but in color of course. By: Peter Engelbrite FF15

Blocks2 Amusing and colorful display of a moving trail of 'blocks'. Update to version on FF71, however this version also includes source. Author: Gary Walker FF156, FF71, AM1

bm A grep like utility using the Boyer-Moore algorithm. Author: Peter Bain FF4

BMAP Reader by Tim Jones. AM14

BMon System monitor AmigaBASIC program; perform simple manipulations of memory. AM24

BMP plays 8SVX sampled sounds in the background while something else is happening in the Amiga, as your Amiga is booting, for example. AM26

BNTools Three examples of assembly language code from Bryce Nesbitt: AM24

BobEd BOB and sprite editor written in C. In C source code, executable program and documentation. AM20

bobtest.c BOB programming example. C program. AM5, AM4

Boing! Boing! demo,with selectable speed. Executable program. AM9

BoingDemo Demo version of a neat game due for release in March 1990. It is fully functional but the play time is limited to five minutes per play. Version 0.30, binary only. Author: Kevin Kelm, Alternate Realities FF335

BoingMachine A ray-traced animation of a perpetual motion Boing-making machine, includes the latest version of the Movie program, which has the ability to play sounds along with the animation. By Ken Offer. AM24

BoingThrows A 50 frame HAM animation done with Sculpt-3D, and minor touchups with DigiPaint. The animation took about 325 hours of runtime to generate. Author: Marvin Landis FF134

boink Sound demonstration icon-driven part of a set on AMICUS 10 AM10

BootBack A handy little utility to copy and save the boot block from a disk, then later restore it should the disk get stomped on by some ugly virus. Includes source. Author: David Joiner FF157

BootBase Another bootblock save/restore utility. Includes an auto-compare function. Includes source. Author: Steven Lagerweij FF363

BootBlocks Detailed documentation on what a bootblock is and how it works, along with some sample bootblocks and a program to install a custom bootblock. Includes source for the sample bootblocks and the install program. By: Jonathan Potter FF242

BootIntro This program creates a small intro on the bootblock of any disk, which will appear after you insert the disk for booting. This is the 'next generation' BootIntro, a more colorful version than the one on disk 244, but the text must be shorter. The first line can be up to 24 characters. The second and third lines can be up to 22 characters. The scrolling text can be up to 98 characters. This is 'next generation version 1.1'. Binary only. Author: Roger Fischlin FF245, FF244, FF188

Bounce This program is Steve and Tom's entry for the Badge Killer Demo Contest. It creates little dots that bounce around and multiply. With source. By: Steve Hansel and Tom Hansel FF127

bounce One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Bouncer A 3D simulation of a bouncing ball written in Creative Solutions' Multi-Forth, with source included. By: Jon Bryan FF67

Bowl This is Vern's entry for the 1988 Badge Killer Demo Contest. It is a Sculpt-Animate animation that shows three colored balls flying in circles above a mirrored bowl. Rendering the animation took about 2 weeks. Distributed in zoo format because of its size (zoo program included for easy unpacking). By: Vern Staats FF209

box One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

BreakOut A 3D game. Requires 3D glasses. By Tim Kemp FF50

Bref A cross reference program for AmigaBASIC code. Generates a list of the BASIC code with lines sequentially numbered, plus a table showing all variables and labels used in the code, and the line numbers where they were used. Created from the CREF program on FF166, which was written by Mike Edmonds and Joel Swank. Version 1.01, includes source. Author: Dick Taylor FF283

Breshehan A Forth program which produces a Breshehan circle algorithm example. AM11

BrickOut Classic computer brick wall game, ABasiC program. AM1

brickout One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Brik A general purpose program that calculates both text and binary cyclic redundancy codes (CRCs). Text mode CRCs calculated by brik are portable across systems for files that are in the usual text format on each system. Binary mode CRCs are portable for files that are moved from system to system without any change. Brik can be used to verify and update an embedded checksum header in files. It runs under MS-DOS, UNIX system V, BSD UNIX, VAX/VMS, and AmigaDOS. This is version 2.0 and includes source. Author: Rahul Dhesi FF233

Brownian A demo based on both fractal theory and brownian motion. Includes source. Author: John M. Olsen FF206

Browse View text files on a disk, using menus in source code and executable, a C program. AM8

Browser A workbench tool, using text-only windows, that makes all files in the system accessible for executing, copying, moving, renaming, deleting, etc. Billed as a 'programmers workbench'. Version 1.2, binary only Author: Peter daSilva FF134

Browser A program that lets you wander around a file tree and peek into files, all with the mouse. Author: Mike (I'll be mellow when I'm dead) Meyer FF18

Browser A programmer's 'Workbench'. Allows you to easily and conveniently move, copy, rename, and delete files & directories from a CLI environment. Also provides a method to execute either Workbench or CLI programs. V1.6, update to FF134, binary only. By Peter da Silva FF180

Browser Updated version of the browser program released on FF18. This one has been 'manxified', has scroll bars, and several bugs fixed. Author: Mike Meyer, enhancements and fixes by Bob Leivian FF34

Browser Another version of the browser program released on disks number 18 and number 34. Includes some bug fixes and enhancements. Includes source. Author: Mike Meyer, enhancements by Mark Schretlen FF59

Browser2 This browser type program is apparently not based on the original Mike Meyer version. Binary only. By Dan Green FF59

Bru Alpha 1 version of a hard disk and/or file archiver written for UNIX. This is a vanilla port, with very little Amiga smarts, but it is usable. Last freely redistributable version. By Fred Fish FF48

Brunjes Various tools submitted together by the author. StringPkg is string package for both Forth style and NUL terminated strings. Date&Time are handy tools for getting and printing formatted date and time. Utils are utilities used by the other files. CursorControl is an example of moving the text cursor. SpaceOrEscape is a handy word for pausing or stopping program output. Includes source code. Author: Roy Brunjes FF239

Brush_4D Converts IFF images into Sculpt 4D object format. Works with any IFF image, including HAM & Extra Halfbrite. Convert brushes in full color, with optional wrap, to 3D shapes. Also includes optimization routine. Version 1.00, shareware, binary only. Author: Bruce Thomson FF361

Brush2C Brush2C converts an IFF brush to C data instructions, initialization code. Executable program. AM9

Brush2Icon Brush2Icon converts an IFF brush to an icon. Executable program. AM9

Brushes Contains 53 custom brushes for use in DPaint while drawing schematics. Includes things like resistors, capacitors, gates, transistors, IC pacs, etc. Author: Jim Lee FF81

BrushIcon Converts brushes to icons (bizarr docs). AM25

brushtoBOB Converts small IFF brushes to AmigaBASIC BOB OBJECTS, an AmigaBASIC program. AM11

bsearch.asm Binary search code. Assembler program. AM2

BSplines Simple program to fool around with B-SPLINES, ala Bezier programs. Includes source. By Matt Dillon FF75

Bspread: A powerful spread sheet program written in AmigaBASIC. Author Brian Cately AC1

BTE Bard's Tale character editor. Executable program and documentaion. AM19

Btree Routines to implement a B-tree algorithm and several accompanying tests, apparently derived from the single file version also included on this disk under 'Btree2'. Still buggy, but looks useful with a little work. Author: Richard Hellier, posted to usenet by Steve Jefferson FF34

Btree2 Previous (original) version of btree routines. Author: Richard Hellier FF34

Bugs Text of known bug list in Lattice C 3.02. AM1

Bully Mike Meyer's entry for the Badge Killer Demo Contest. Pushes all open screens around (thus the name 'bully'). Designed for showing off more than one demo at a time Includes source. Author: Mike Meyer FF112

CItoh Prowriter Printer driver for the C Itoh Prowriter. AM9

C Notes V4.9: Look at a simple utility program in C. Author: Steven Kemp AC5

CNotes:A A small program to search a file for a specific string in C. Author: Steven Kemp AC4

CNotes:B The beginning of a utility program in C. By Steven Kemp AC4

C Notes:C Recursive functions in C. Author: Stephen Kemp. AC7

CNotes:D A look at two data compressing techniques in C. Author: Stephen Kemp. AC7

C Squared Graphics program from Scientific American, Sept 86. In C source code and executable. Documentation included. AM14

C-Functions A group of four little C-functions to add to your library to make your programming life a little easier. Includes source and a small demo program showing some of the results. Author: Lars Thuring FF164

C-kermit Port of the popular 'kermit' program, a flexible virtual terminal and file transfer program from Columbia University. Author: Unknown, ported to Amiga by Davide Cervone FF26

C-Light A demonstration copy of a commercial ray tracing program, which is identical to the commercial version except that it has been limited to ten objects per scene. Binary only. Author: Ronald Peterson FF146

C64Emul An April Fools spoof. Turns your Amiga into a C64, or at least makes it look that way. With source. By Eddy Carroll FF216

CacheCard An accessory to SetCPU for use with A2620 cards or 68030 systems. It modifies the MMU table set up by SetCPU to selectively conirol caching for each expansion card. It's also an example of how an accessory program can track down and modify the SetCPU MMU table without having to read all kinds of MMU registers and figure it out for yourself. Version 1.00, includes source. Author: Dave Haynie FF233

CAD An object-oriented drawing program; version 1.2.4. Uses a small set of graphics primitives (like 'line', 'box', and 'text') and a small set of editing functions (like 'move', 'size', and 'rotate'). While drawing and editing, the user can call on other functions to modify the display; to zoom in, slide around, superimpose a grid, etc. Shareware, binary only. Author: Tim Mooney FF74, FF59

CAI: A complete Computer Aided Instruction program with editor written in AmigaBASIC. Author: Paul Castonguay AC1

Calc A programmable calculator program with similarities to a hand-held RPN calculator. Can run either interactively or in 'script' mode by reading programs from a file. Version 1.0, shareware, binary only. Author: Bob Brooks FF103

Calc A very nicely done scientific/programmer/plotter calculator. The scientific portion has most of the operations found on the more popular handhelds. The programmer portion has all the special hex/binary/decimal conversions as well as register operations like ASL, ROL, LSL, AND, OR, XOR, etc. The plotter portion will plot equations. Other features include 26 memories, full mouse or keyboard operation, pull-down menus, and iconization. V 3.0, binary only. by: Jimmy Yang FF210

Calc A shell style, command-line calculator. Calc does not have a fancy keypad display as many other calculator programs do. Instead, it is capable of taking its input from a file, the keyboard, or a command line and output- ting its results to a file or the screen. It can also apply a single equation to all of the values stored in a file (or files). It handles all common mathematical expressions, can optionally predefine physical constants and store variables. Version 2.0, binary only. Author: Bill Dimm FF388

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CalcKey A basic four function, memory resident, pop-up calculator which uses only about 24K of memory and can automatically type the answer to any calculation into the program you were using when it was popped up. Version 1.0, binary only, shareware. Author: Craig Fisher FF235

Calculation Demo version of a solitaire type card game. The object of the game is to stack the cards into four ordered stacks, one that counts by one, another that counts by two, another that counts by three and another that counts by four. Version 1.0.2, binary only. Author: Steve Francis FF260

Calendar A program that generates calendars in any one of 10 standard formats for any year after 1900. Binary only. Author: Pierre A du Parte FF269

Calendar Calendar/diary program written in AmigaBASIC. Author: Mark Hurst FF32

Calendar Appointment calendar which lets you visually add and update appointments. Can also run in background and remind you 15 minutes before any scheduled event. Amiga port by Bob Leivian FF34

Calendar.WKS Lotus-compatible worksheet that makes calendars. AM18

Call Assembly language from BASIC: Add speed to your programs with Assembly. Author: Martin F. Combs. AC8

calliope Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Calls A little utility to help analyze the flow of a C-program by laying out the functions called in a hierarchical manner. Author: Originally from Usenet with major revisions by Kevin Braunsdorf, Amiga port by George MacDonald FF160

Canon PJ-1080A Printer driver for the Canon PJ-1080A. AM9

canvas One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Car This animation is one of Allen's entries to the Badge Killer Demo Contest. It apparently is an inside joke relating to a well known Amigan's experience with a certain highend graphics hardware manufacturer. Author: Allen Hastings FF123

Car A two-dimensional full screen scrolling racing game with realistic four channel stereo sound and overscan, for either NTSC or PAL Amigas. The goal is to guide your car around one of ten selected tracks. Each track has its individual high score list. Version 2.0, binary only. Author: Anders Bjerin FF336

car horn Sound demonstration icon-driven part of a set on AMICUS 10 AM10

cardco Text file of fixes to early Cardco memory boards. AM12

cardfi One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

CardFile Simple card file database program. ABasiC AM1

CardFile Study aid card file program written in AmigaBASIC. Useful for organizing small blocks of data, such as can be done with a 3X5 card file system. Binary only. By James Parks FF90

CardMaker A programmer's aid for creating card image data that can be used in any card game that uses the standard 52 card deck. This is version 2.1, an update to version 1.0 on disk number 184. Contains bug fixes and support for AmigaBasic. Binary only. Author: Terry Gintz FF375, FF184

Cards'O'Rama A simple game that let's you push your memory. It is played with a deck of 32 cards, grouped in 16 pairs. The cards are shuffled and then displayed at the beginning of each game. Your goal is to pick up as many pairs as you can, until there are no cards left on the screen. V1.0, includes source. By Werther Pirani FF186

Cartoon HiRES Color fantasy humor FF72

caseconvert Modula-2 program which converts Modula-2 keywords to uppercase. AM11

Casino Games of poker, blackjack, dice, and craps. ABasiC program. AM3

CassEti Cassette tape label printer. Includes source in GFA Basic. Author: Thorsten Ludwig FF346

Castle A simple graphics adventure game suitable for beginners. Binary only, but source available with a small donation to the author. Author: H. James Fox FF174

Cathy A HAM picture of a pretty girl FF72

CBBS The WORLI BBS system for use in amateur radio. Originally written for IBM-PC compatibles, it was ported to the Amiga by Pete Hardie. This is version 6.1c with source code. Author: Hank Oredson, the CBBS group, Pete Hardie FF241

CBDump This is a CLI utility for those who are working with the Amiga's clipboard device. It's sole purpose in life is to dump the current contents of the clipboard to stdout or by redirection to a pipe or a file. Useful for testing and interfacing with programs that do not support the clipboard. Source included. By: Stephen Vermeulen. FF326

cc Aid to compiling with Lattice C. AM1

cc nix-like front end for Lattice C compiler. Author: Fred Fish FF2

Cc C compiler front ends for Manx and Lattice C, developed independently by Jay T's. These automatically filter off the annoying banner messages from various passes of the compilers Author: Jay T's FF43

CCLib An implementation of the standard C library, that is done as an Amiga shared library, containing over 140 functions. Version 1.3, binary only. Author: Robert Albrecht FF260

CCutils Eight small CLI utilities that use the cclib.library shared library. Includes a program to display disk usage on your menu bar, a program to check the integrity of IFF files, a program to remove shared libraries from memory if they are not being used, and more. Binary only. Author: Robert Albrecht FF286

CDecl English to C (and vice versa) translator for C declarations. This little gem will translate english such as 'declare foo as pointer to function returning pointer to array 10 of pointer to long' into 'long *(*foo)()[10]', and vice versa. An absolute must for anyone except possibly the most hardcore C guru. Includes source. Author: Graham Ross FF114

CDecl English to C (and vice versa) translator for C declarations. This little gem will translate english such as 'declare foo as pointer to function returning pointer to array 10 of pointer to long' into 'long *(*foo)()[10]', and vice versa. Update from version on FF114. Includes source. Author: Graham Ross with enhancements by David Wolverton, Tony Hansen, Merlyn LeRoy, Udi Finkelstein and probably others! FF167

Cell Animation: Using cell animation in Modula-2. Author: Nicholas Cirasella AC5

CelScripts Makes cel animation scripts for Aegis Animator, in AmigaBASIC. AM21

cforth A highly portable forth implementation. Lots of goodies. Author: Allan Pratt FF3

Charon Charon is Bradley's entry for the First Annual Badge Killer Demo Contest. The text of the demo was written by Lord Dunsany (long before the Amiga). Bradley created the illustrations and animation. The sound track is **a traditional Scottish tune** 'The Arran Boat'. by: Lord Dunsany (1915), Bradley Schenck (1988) FF198

Check A useful little utility for finding structural errors in C-source code. Many command-line options. Version 1.03, binary only. Author: Keith Elbertson FF160

Check4Mem Allows you to check for a specified amount of memory, with certain attributes, from a batch file. If the requirements are not met, a WARN returncode is generated. Version 2, includes source. Author: Jonathan Potter FF242

CheckIFF Program to check the structure of IFF files and report any problems. Binary only. Author: Unknown FF81

CheckModem A program which provides for executing other programs from your startup file, if and only if there is actually a modem connected to the serial port. Author: Matt Dillon FF46

Cheetah a picture of a cheetah. AM15

Chess A port of a chess game posted to Usenet. This is an update to the version first included on disk 96. It has been upgraded to use an Amiga Intuition interface. Version 2.0, binary only. Author: John Stanback; ported to Amiga by Bob Leivian Version 2.0 upgrades by Alfred Kaufmann FF205, FF96

ChessTutor Chess tutor is a program designed to introduce novice chess players to the basics of the game. Shareware, written in AmigaBASIC. Author: William Jordan FF269

Child Toddler digitized forever in Amiga history, an IFF picture. AM7

ChinaChallenge A game similar to Shanghai or Mahjong. The goal is to remove all parts of the pile, the so called Dragon, step by step. This dragon is composed of 120 different game pieces. You can always find four pieces displaying the same picture or chinese symbols. Binary only. Author: Dirk Hoffmann FF312

Chop Truncate (chop) files down to size, C program in C source code and executable. AM3

Chop A program which uses a hotkey to chop a displayed screen down to a temporary maximum of 4 planes in lo-res or 2 planes in hi-res, allowing the processor full speed access to chip memory. Only the displayed screen is affected, the program painting the screen continues to work with the full color palette. Unchoping the screen puts everything back to normal. Version 1.0, binary only. Author: Nico Francois FF302

Chord Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

CIATimer Two versions of ciatimer routines to provide precise timing for applications requiring a high-accuracy real-time clock. Includes source and a sample executable. By Karl Lehenbauer, based on the original version by Paul Higginbottom FF178

cinclude Text file cross-reference to C include files. AM12

circle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Circles A circles pattern generator, reminiscent of one of the early Amiga demos. Version 1.1, includes source in C. Author: Joel Swank FF304

CirPlane A circular plane generator for VideoScape 3D. Generates a clockwise circular polygon with the specified number of vertices. Used, for example, to cap a cylinder or to generate surface detail. Version 1.0, with source. By Thad Floryan FF101

claves Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Claz Converts IFF picture files to POSTSCRIPT. Works with Amiga HAM pictures, as well as 'normal' pictures. Also includes scaling. Version 2.0, includes source. Author: Steve Ludtke FF87

Claz2 Update of prog to convert IFF images to PostScript files for printing on laser printers. AM26

clean Executable program, spins the disk for disk cleaners. Documentation included. AM12

Clean A small program written in assembly code, to be used in conjunction with a cleaning disk, to clean your floppy drive heads. Version 1.0, includes source. Author: Dan Burris FF297

Cleanup Removes strange characters from text files. C program. AM3

Clear Fills unused areas of memory with a specific byte pattern. FF105

Cled A simple command line editor which allows you to edit your commands before and after they are processed. Uses the arrow keys and simple control sequence keystrokes for cursor positioning and editing tasks. Update to version on FF74, this is version 1.4, binary only. Author: Pat Empleo FF81, FF74

CLI-Colors A simple little program to change the colors of the border around a CLI window. Includes source in assembly code. Author: Michael Sinz FF248

CLICard Text file of a reference card for AmigaDOS CLI. AM1

ClickDOS A 'directory utility' type program which is reasonably small, uses a single window on the Workbench screen (which can also be iconified), does not rely on other programs for most of its functions, and is very memory efficient. This is version 1.10, binary only. Author: Gary Scott Yates FF276

ClickToFront extends the user-interface so that a double-click into a window brings it to the front. Now as long as you can see any part of a window you can bring it to the front without having to hunt for the page gadgets. Version 1.1, includes source. Author: Bryce Nesbitt FF86

ClickUpFront ClickUpFront is another program, similar in function to the ClickToFront program from disk 86, that allows you to bring any window to the front simply by double-clicking in any part of it. Version 1.0, includes source. By Davide Cervone FF94

CLIClocksClock, wClock are window border clocks. Source code, executable program, and documentation. AM14

CLICommands Text guide to using the CLI. AM1

CLIcon Allows you to run cli programs from the workbench, similar in operation to IconExec, but more versatile. Author: Bryan Ford FF167

CLImax For all those people who wish that their CLI windows had 25 lines of 80 characters just like an old fashioned non- windowing computer, the answer is here. CLImax creates a borderless backdrop CLI window on a custom screen. Also thrown in is MoveSys, which reassigns SYS:, C:, S:, L:, DEVS:, LIBS:, and FONTS: to a new volume with one simple 'pure' command. Includes source. Author: Paul Kienitz FF224

ClipBoard Clipboard device interface routines to provide a standard interface, such as Open, Close, Post, Read, Write, etc. Author: Andy Finkel FF56

CLIPrint An example of printing to the CLI from assembly code. Includes source (of course). by: Jeff Glatt FF237

clist.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

CLI_Utilities This directory contains several subdirectories with small utilities, collected from various sources, that are only usable from the CLI. See the Readme file for further information. Some include source. Author: Various FF162

Cload An AmigaBASIC Program to convert Compuserve hex files to binary. Source code and documentation included. AM8

Clock Updated version of the clock program released on FF15. Adds seconds display, free memory display, and faster updates Author: Mike Meyer FF36, FF15

Clock Another clock program, comes in several flavors depending upon features desired, which include using alternate fonts, using alternate colors, setting the time, etc. Binary only. Author: Mark Waggoner FF59

Clock V1.00 Simple clock, configurable with config. FF168 & 169

ClockDJ A utility which combines a clock, mouse accelerator, screen blanker, window manipulator, function keys, and macros into a single program, written in assembly language for maximum efficiency. Includes an ARexx port. Version 4.07, binary only. Author: David Jenkins FF293

CloseMe Another ingenious perversion in the screen hack category. Don't miss this one...surely destined to become a classic! Includes source. Author: Charlie Gibbs FF167

CloseWB Simple program for use with MWB (also on this disk) to close a current WorkBench screen, and let you open WorkBench on a custom screen. Author: Matt Dillon FF65

Cloud A program that generates and displays fractal surfaces that look remarkably like clouds. Based on ideas from the book 'Fractals' by Jens Feder. Binary only. Author: Mike Hall FF216

cls A screen clear program. Executable and source code. AM11

cls A screen clear and CLI arguments example in Assembly. AM11

CLS Clear Screen Command made for the purposes of being SMALL, and thus not wasteful of memory when made memory resident, it consists of 96 bytes of memory on disk! Includes source in assembly. Author: Bill Nelson FF237

Clue Clue board game. Nice. Author: Greg Pryor FF45, AM8

CM A celestial mechanics simulator with an Intuition interface. You construct a layout of celestial bodies and specify various parameters for the bodies and the simulation. CM then animates the bodies according to the laws of gravitational attraction. Setups may be saved to disk to later reinact interesting scenarios. Version 1.0, includes source. Author: W. John Guineau FF280

CManual A complete C manual for the Amiga which describes how to open and work with screens, windows, graphics, gadgets, requesters, alerts, menus, IDCMP, sprites, etc. The manual consists of more than 200 pages in 11 chapters, together with more than 70 fully executable examples with source code. When unpacked, the manual and examples nearly fill up three standard Amiga floppies. This is version 1.00 and with source for all examples. By Anders Bjerin FF337

Cmd Cmd redirects the serial.device or parallel.device output to a file. Useful for capturing print jobs for debugging or 'offline' printing. Version 4, includes source. Author: Carolyn Scheppner FF95, FF86, FF79

CMP V1.00 Utility to compare two files FF168 & 169

CNewsBin This is part 1 of a C News distribution for the Amiga. This part includes all the binary and text files necessary to set up and run C News. Part 2 is available on disk 319 and contains the source. Author: Various Authors, Amiga port by Frank Edwards FF318

CNewsSrc This is part 2 of a C News distribution for the Amiga. This part includes all the source for C News and the UUPC package that it uses. Part 1 is available on disk 318 and includes all the binary and text files necessary to set up and run C News on the Amiga. Author: Various, Amiga port by Frank Edwards FF319

cnvapldhm Executable program that converts Apple][low, medium and high res pictures to IFF. With documenation AM12

CodeDemo Modula-2 program converts assembler object files to inline CODE statements and a screen scrolling example AM24

ColorArt Art drawing program in AmigaBASIC. AM8

colorcircles One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

colorful Shows off use of hold-and-modify mode. Posted to usenet by Robert Pariseau. FF1

ColorReq A color palette library callable from any program. Used to adjust the colors of any screen. Automatically adjusts to screen size, number of colors. Has many features including SPREAD, COPY, UNDO, RGB, HSV, as well as customizable gadgets. Binary only. Author: Jeff Glatt and Jim Fiore FF257

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ColorReq Describes the update to the color.library and has an example program, with source, that demonstrates its use. Author: Dissidents Software FF348

ColorTools Three tools that manipulate the colors of your screen. Binary only. Author: Dieter Bruns FF323

Colour A program to manipulate the colors of specific named screens, saving their current color sets to data files, loading new color sets from data files, or interactively changing the colors. Includes source. Author: John Russell FF126

Colourscope: A shareware program that shows different graphic designs. Author: Russell Wallace AC5

ColumnSet A text filter program that takes as input a file with one word per line and produces a file with these words laid out in the same order in even columns, as many as will fit across the output screen or page with at least one space between columns. Includes source in Modula-2. Author: Kent Paul Dolan FF270

Comal Demo of AmigaCOMAL (missing only SAVE), an incremental p-code compiler from Denmark. COMAL is a language with the design goal of combining the modern structured approach of Pascal with the ease of use and interactivity of BASIC. There are versions of COMAL for IBM, VAX, CP/M, C-64, Amiga and various European operating systems. Includes a complete turtle graphics package. Perfect for education yet powerful enough for applications programming. V2.0, binary only. By Svend Daugaard Pedersen Freddy Dan Dalgas Kristiansen FF296

COMAL.h Make C look like COMAL header file. In C source code, and documentation. AM19

Comm Source release for comm version 1.34. Last release on FF71 was binary only. FF75, FF71, FF67, FF48, AM17

Commands Shorter guide, in text, to AmigaDOS CLI commands. AM1

Commodities Commodities Exchange, an Amiga exec library which can be opened and used by application programs to gain access to input in a very flexible way. This is a 'minimal, binary only' copy. Source may be available on a future disk. Version 0.4. Author: Jim Mackraz FF87

Commodore IFF This is a copy of the official November 1988 Commodore IFF disk. All the files in the 'documents' directory are in zoo file 'documents.zoo' FF185

Compactor, Decoder Steve Michel AmigaBASIC tools. In C source code and documentation. AM20

CompDisk A disk compression/disk compression package which was written to be fast and easy to use. Includes an Arp and an Intuition interface. Includes source in 'C'. Author: Olaf Barthel FF353

Compiler An optimizing C compiler for the 68000. Has successfully compiled itself on a 68000 based UNIX system V machine, but has yet to be fully ported to the Amiga. It will currently produce assembly output for simple C routines on the Amiga, but needs lots of work to be really useful as anything other than a learning tool. By Matthew Brandt FF53

Compress Compress reduces the size of the named files using adaptive Lempel-Ziv coding. The amount of compression obtained depends on the size of the input, the number of bits per code, and the distribution of common substrings. Typically, text such as source code or English is reduced by 50-60%. Compression is generally much better than that achieved by Huffman coding(as used in 'pack') or adaptive Huffman coding (as used in 'compact'), and takes less time to compute. By Thomas Spencer, with improvements by others FF51, FF6

ComputerBlocks An IFF image of multicolored computer composed shapes as blocks. AM7

CONFIG V1.00 Used to configure friendly programs like DME for the initial window placement (configures the executable) FF168 & 169

Conman Extremely useful replacement for the standard console handler, provides line editing and command line histories. Completely transparent to any application program that uses CON: windows. This program is shareware, and well worth a donation to the author. Version 1.3, binary only. By William Hawes FF165, FF133, FF100, FF90, FF81, FF69

ConPackets Demos the use of DOS packets, finding the Window pointer and ConUnit pointer of the CLI window, toggling Raw mode, getting cursor position and limits from the ConUnit, and ESC-sequence cursor positioning. By Carolyn Scheppner FF56

Conquest You control an interstellar empire, decide which star systems to explore, which planets to colonize, etc. The computer will also be building its own empire and competing with you for resources. The one with the greatest population at the end wins. First distributed in executable form only on FF10. This distribution includes source. Author: Unknown, reported to Amiga by Rob Shimbo Second release of a csh-like alternative to the CLI, first released on FF14. Has alias, built in functions like 'dir' for speed, history, named variables, command re-execution with substitution, etc. Author: Matt Dillon FF24, FF10

cons Console device demo program with supporting macro routines. Author: Rob Peck FF5

Console Console is a new set of routines to get around some of the problems with the standard system routines, and includes some simple graphics routines. With source. By Jim Cooper FF69

console.bmap one of the necessary links between AmigaBASIC and the system libraries.diskfont.bmap AM8

consoleIO.c Console I/O example. C program. AM4

consoleIO.txt Copy of the RKM console I/O chapter. C program. AM4

ConsoleWindow Example program for finding the intuition pointer to an AmigaDOS CON: or RAW: window, so you can do WindowToFront, graphics, and other interesting things. (Requires AmigaDOS 1.2) Author: Andy Finkel and Robert Burns FF35

Contact Demo version of a 'pop-up' program for managing personal contacts. Allows you to keep a name and address list along with phone numbers and comments. Can print mailing labels with a couple of mouse clicks (supports PostScript printers). Names and address can be 'clipped' into other programs such as word processors, and Contact can even dial your modem for you. Version 1.0, binary only. Author: Craig Fisher, CMF Software FF384

Control Program which provides finer control over the printer device. When it sees a DUMPRPORT, it fires up a requestor and lets you play with the values being passed in the IO Request block. Includes source. Author: Andy Finkel FF74

Conundrum: An AmigaBASIC program that is a puzzle-like game, similar to the game Simon. Author: Dave Senger. AC8

ConvertDoodle Converts Commodore 64 Doodle files into Amiga format. AM11

ConvertKoala Converts Commodore 64 Koala files into Amiga format. AM11

ConvertPrintShop Converts Commodore 64 PrintShop files into Amiga format. AM11

Cookie Fortune cookie program. Includes source. Author: Richard Stevens FF65

CopDis A copper list disassembler that can be run from the CLI or linked with and run directly from an application program. This is version 0.0a and includes source. By Karl Lehenbauer FF261

Copper A copper list disassembler. Dumps the contents of a hardware copper instruction list. By Scott Evernden Inst FF43

Copy A replacement for the AmigaDOS copy program that is upwardly compatible, plus includes some new features like date preservation. V1.0, includes source. By Jeff Lydiatt FF75, FF13

Cos A 'Wheel Of Fortune' style game in AmigaBASIC. Author: Steve Michel FF51

Cosmic An interstellar multiplayer game of War and Peace. From the looks of the documentation file, it appears fairly extensive! Version 1.01, includes source. Author: Carl Edman FF178

Cosmo An 'asteriods' clone. Suggested $6 donation. Author: John Harris FF40

Cosmoroids A version of 'asteroids' for the Amiga. AM15

Coyote Gene's entry to the 1988 Badge Killer Demo contest. A very cute (and large) animation. Requires about 1900 blocks of disk space, so it is in 'arc format'. By Gene Brawn FF207

cp A UNIX-like copy command. Executable program. AM11

CPM Another CP/M emulator independently authored from the version that appeared on FF 157. Emulates a CPM computer with a Z80 processor connected to an ADM3A terminal. Assembly source included. Author: Ulf Nordquist FF165

CPM A program to compute mandelbrots via the Continous Potential Method, as described in the book The Science of Fractal Images by H. O. Pietgen and D. Saupe. It is used to make 3-dimensional pictures of the mandelbrot set. This is a batch mode type program so several images can be generated, one after the other, without any human interaction. Includes source. Author: Lars Clausen FF303

Cpp A copy of the Decus cpp, ported to the Amiga. This cpp is more powerful and complete than either of the built in cpp's in Manx or Lattice C. A modified version of the UNIX like cc frontend, for Manx C, that knows about the cpp is included. It has had some ANSI features added. Includes source. cpp by Martin Minow, cc by Fred Fish; Olaf Seibert FF338, FF28

cpri cpri shows and adjusts priority of CLI processes in C source code and executable. AM11

CPU Two programs, one in C and one in assembler, which check for CPU type. This version can detect 68000, 68010, 68020, and 68881 processors. Includes source. Author: Ethan Dicks, based on WhatCPU by Dave Haynie FF329

CPUStandoff This cute 'computer wars' animation is Bob's entry to the 1989 BADGE Killer Demo Contest. Lots of visual jokes in this one. Binary only. Author: Bob Janousek FF271

CR2LF Converts carriage returns to line feeds in Amiga files, C program. AM3

CrazyEight Card game based on the children's traditional favorite. AM3

Crc Two programs that are very useful for generating 16-bit CRC listings of the contents of disks, and verifying that a given disk's files still compute to the same CRC's as listed. Version 1.0, binary only. Author: Don Kindred FF133

CrcLists Complete CRC check files for disks 001-292 using the brik program. These were made directly from my master disks. I have switched to brik, from the crc program used to make the lists on disks 133, 146, and 173, because it has more features and because source is available. Update to FF233. Author: Fred Fish FF293, FF233, FF173, FF146, FF133

creaport.c Create and delete ports. C program. AM4

creastdi.c Create standard I/O requests. C program. AM4

creatask.c Creating task examples. C program. AM4

Cref A C cross referencer program. Prints out your code with line-numbers and complete key-word cross-referencing. Update from version on FF 103 which had a serious bug. Includes source. Author: Mike Edmonds; Amiga port by Joel Swank FF166, FF103

Cribbage Another game in ABasiC by the author of Monopoly. Author: David Addison FF28

crlf adds or removes carriage returns from files. In C source code and executable. Documentation included. AM14

CRobots A game based on computer programming. Unlike arcade type games which require human input controlling some object, all strategy in CRobots is condensed into a C language program that you design and write, to control a robot whose mission is to seek out, track, and destroy other robots, each running different programs. All robots are equally equipped, and up to four may compete at once. This is version 2.3w. Binary only, source available from author. Author: Tom Poindexter, Amiga by David Wright FF345, FF331, FF311

CrossDOS A 'tryware' version of a mountable MS-DOS file system for the Amiga. This is a software product that allows you to read and write MS-DOS/PC-DOS and Atari ST formatted disks (Version 2.0 or higher) directly from AmigaDOS. This tryware version is a 'readonly' version, which does not allow any writes to the disk. A fully functional version is available for a very reasonable price from CONSULTRON. This is version 4.00b, an update to version 3.05b on disk 252. Binary only. Author: CONSULTRON, Leonard Poma FF382, FF252, FF240

Crunch Removes comments and white space from C files, in source code and as an executable, a C program. AM8

Csh Version 4.01a of a csh like shell derived from Matt Dillon's shell, version 2.07. Features and changes include ARP pattern matching, improved search command, some new commands like 'basename', some new options, bug fixes, and an ARexx port. Includes source. Author: Matt Dillon, Steve Drew, Carlo Borreo, Cesare Dieni FF331, FF309, FF223, FF199, FF145, FF107, FF85, FF55, FF48, FF41, FF36

CSquared Implementation of Circle Squared algorithm from Sept '86 Scientific American 'Computer Recreations' column. Produces wildly colorful but mathematically precise patterns. By Bill DuPree FF38

Ct An Amiga program to display images from a CT scanner, along with several new interesting sample images of scans of real people. The display software, though it has a primitive user interface, is quite powerful, including functions like convolutions, averaging, laplacians, unsharp masking, edge detection, gradients, etc. This is version 2.2, an update to the version on disk 137. Binary only. Additional image disks available from author. Author: Jonathan Harman FF235, FF137

CTags Create a tags file from the specified C, Pascal, Fortran, YACC, lex, or lisp sources. A tags file can be used by a cooperating editor to quickly locate specified objects in a program's source code. Berkeley V4.7, with source. By Ken Arnold, Jim Kleckner, and Bill Joy Ported to Amiga by G. R. (Fred) Walter FF197

CType Another text file reader, but this one is small, reasonably fast, and includes bi-directional scrolling, search, go to a given percentage, and printing capabilities. Version 1.0, includes source in assembly. Author: Bill Nelson. FF237

cubes1 One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Cucug This animation of the Champaign-Urbana Commodore Users Group logo was submitted to the 1988 Badge Killer Demo Contest by Ed Serbe. FF213

Cursor A 3-pass BASIC Compiler for BASIC programs written in AmigaBASIC, does not yet support all of the BASIC commands but is able to compile itself. This is version 1.0, includes source. Author: Jurgen Forster FF347

CustReq A glorified ASK command for your startup-sequence. It generates a requester with the specified title, text, positive and negative gadgets (either of which can be the default), and an optional timeout value. Version 2, includes source. Author: Jonathan Potter FF242

CutAndPaste Public domain implementations of the UNIX cut and paste commands. Includes source Author: John Weald FF97

cutpaste One of the many basic programs from FF13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

CWDemo Demo version of a pop-up utility to control the color register assignments of Intuition custom screens. V3.2, an update to FF238. Binary only. Author: Kimbersoft FF283, FF238

Cycles A simple but enjoyable game apparently inspired by the cycle game in the movie 'Tron'. Version 1.0, binary only. Author: John G. Gilmore FF78, AM22

CyclicSpace A Griffeathian cyclic space generator program. Implements a cellular automaton as described in the August 89 issue of Scientific American. V 1.42, includes source in assembly code. Author: A. J. Brouwer FF255

Cycloids An updated version of the hypocycloids (electronic spirograph) program first released on FF27. By Terry Gintz FF49

CygnusEdDemo Demo version of CygnusEd, an editor from CygnusSoft Software. CygnusEd supports simultaneous editing of multiple files, multiple views of the same file, very fast display, margins, word-wrap, status-lines, insert/overstike mode, online help, soft scroll borders, screen overscan, adjustable tab size, macros, text formatting options, block/line/word cut/copy, and more. Also includes demo 3.0 version of MandFXP Binary only. Author: CygnusSoft Software FF95

CZEd A complete midi package for use with all Casio CZ synthesizers. Contains a full fledged sound editor, a split simulator for CZ-101/1000/230S, a bank loader and a memory dump for CZ-1. This former commercial package is now shareware. Binary only. Author: Oliver Wagner FF323

D2D-Demo Demo version of Disk-2-Disk from Central Coast Software (submitted by George Chamberlin). Binary only. Author: Central Coast Software FF82

dadc A digital computer impersonating an analog clock impersonating a digital clock. Author: Perry S. Kivolowitz FF6

Daisy Example of using the translator and narrator devices to make the Amiga talk. It is written in C. AM24

Dan Kary's C structure index program. In C source code and executable. Documentation included. AM14

Dance These two programs, 'dancing polygons', are John's entry to the Badge Killer Demo Contest. They are variations of one another, but demonstrate the range of colors available on the Amiga. Includes source. Author: John Olsen FF126

Dark A small graphics and animation demo. Includes source. Author: Phil Robertson FF162

dart One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

DAsm A multipass, symbolic, macro assembler for multiple target machines, including 6502, 68705, 6803, and 6811. Supports conditional assembly, addressing mode overrides, arbitrary number of named segments, pseudo-ops for repeat loops, data generation, etc. Version 2.12, includes source. Author: Matt Dillon FF287, FF169, FF167

DataPlot A shareware plotting program written in AmigaBASIC. Includes a least squares curve fit program. By Dale Holt FF121

DataToObj A utility to convert raw data files (sprites, image data, text, etc.) directly into object code which can then be linked to the main program without the need to go through the compiling process. Includes source. Author: Werner Gunther FF172

date One of the basic progs. on FF13 Grab Bag. It is not certain which of the two early basics this program used. FF13

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DateRequester A module that provides Intuition based support for soliciting a date value from the user. It supports both point-and-click selection of date values and direct entry of the individual components. It also includes a standalone ARexx driven date requester program which can be called from ARexx macro files. Includes source. Author: Mark Rinfret FF276

Dazzle A Graphics demonstration which produces patterns based on mouse movements. Executable program. AM9, FF15

Dbuf.gels Sample program that demonstrates the animation routines for Bobs and VSprites. Uses double buffering to smooth the display motion Author: David Lucas FF33

Dbug Machine independent macro based C debugging package. Provides function trace, selective printing of internal state information, and more. This is an update to the version released on disk 102, and now includes a machine independent stack use accounting mechanism. Includes source. Author: Fred Fish; profiling support by Binayak Banerjee FF232, FF102, FF41, FF2

DC A handy program for people who use an Amiga 1020 5 1/4 inch drive as an AmigaDOS floppy. A Workbench program that sends a DiskChange signal to the operating system: Instead of typing "diskchange df2:" over and over again, just click on the icon. C source included. AM26

DC10 An AmigaBASIC DC-10 instrument flight simulator. Appears to be quite in-depth with flight-planning and take-off options along with an extensive documentation file. Requires rebuilding on a separate disk and was successfully done so by following the author's instructions in the ReadMe_First file. Author: Jan Arkesteijn FF150

DCDemo A demo version of DiskCat 2.3, a disk catalog program. Demo is limited to cataloging 100 files at a time. Binary only. Author: Ed Alford, MicroAce Software FF98

DClock A 'Dumb Clock' utility that displays the date and time in the Workbench screen title bar. This is version 1.27, an update version 1.12 disk number 325. Many more useful enhancements/bug fixes, including an ARexx interface. Includes source. Author: Olaf Barthel FF388, FF325, FF298

Debug A symbolic debugger for the Amiga. Features include symbolic disassembly, simple expression parsing, multiple breakpoints, memory fill, memory dump, single step in trace mode, skip over subroutines, etc. V2.10, binary only. Author: Jim Thibodeau and Larry LaPlume FF251

DeciGEL An assembler program for stopping 68010 errors. In C source code and executable program. With documentation AM9

decvnt Opposite of CONVERT for cross developers. C program. AM1

DeepSky A database containing information on 10,368 non-stellar objects, 600 color contrasting easily resolved double stars, 70 stars for setting circles, and misc white dwarfs, red stars, binaries, etc. The database is distributed in zoo format, yeilding 1.2 Mb after extraction. V 5.0. By Saguaro Astronomy Club FF219

Defdisk CLI utility to re-assign a new Workbench disk. In C source code and executable. Documentation included. AM18

Degas.pic A Degas dancer IFF screen. AM6

Degas2.pic A Degas dancer.IFF screen. AM6

Degas3.pic A Degas dancer. AM6

Degas4.pic A Degas dancer. AM6

dehex Simple little program to convert hex format file into a binary file. Reads lines of hex characters on stdin and writes 8 bit dehex'd bytes to stdout. Author: Fred Fish FF10

DeluxeDraw The drawing program from AC v1.3 in AmigaBASIC. AM8

DEM A program to compute mandelbrots via the Distance Estimator Method, as described in the book The Science of Fractal Images by H. O. Pietgen and D. Saupe. It is used to make high resolution black-and-white images. This is a batch mode type program so several images can be generated, one after the other, without any human interaction. Includes source. Author: Lars Clausen FF303

Demo Multiwindow demo. ABasiC program. AM1

DEMOlition Another neat little display hack. In the spirit of these things, ya gotta run it to find out what it does. Includes source. Author: Kriton Kyrimis FF89

Demon This program implements the Demons cellular automaton as described in the August, 1989, issue of Scientific American. Using extremely simple rules it exhibits rather complex behaviour. Includes source. Author: Lars Clausen FF303

DevKit A collection of C and ARexx language programs to facilitate the software development process. With DevKit, you can launch your compiler from within your editor, have the cursor positioned on your errors, look up the autodoc page for any Amiga function at a single keystroke, find a system structure within the include files, or find any function in the code you are writing. Version 1.2, includes source. Author: Peter Cherna FF297

DevPatch A program that installs a patch for OpenWindow to check the NewWindow structure. If the title matches a specific string, the height will be forced to 45 pixels. This helps to reduce chip memory usage for programs that open overly large windows and then seldom use them. Includes source. Author: Jorrit Tyberghein, Nico Francois, P. Marivoet FF332

DevRen A DEVice RENamer, originally designed to allow the renaming of an external drive on an A2000 (always recognized as DF2:) to be DF1: However, works with any mounted device such as RAD: RAM: RAW: CON: etc, as long as the original and renamed version have the same character length. Version 1.5, includes source. Author: Stefan Rosewig FF378

Devstat Assembly code example of locating and listing information about all mounted devices. Includes source. Author: Fabrice Lienhardt FF292

dex Program to extract documentation in a human readable format inside source files, and produce nroff style output for manuals and other such external documents. First ever public release. Author: Fred Fish FF14

DezHexBin An intuition based programmers tool to convert integers between decimal, hexadecimal, and binary. Very small. Version 1.1, includes source in assembly code. Author: Michael Djavidan FF321

Dfc Copies disks like Maurader, but multitasks. Replaces both diskcopy and format but is smaller than either. It even has a nice little Intuition interface. Includes source. By Tomas Rokicki FF131

DFrame This utility helps you create animated bobs. It installs itself in DPaint II, after which you ean draw each bob in DPaint II within its own frame and check the animation by calling DFrame from within DPaint. V1.02, binary only. By Jan Buitenhuis FF221

Dg210 Data General D-210 Terminal emulator. Suggested $12 donation Author: Steve Lenz FF40

DGCS Deluxe Grocery Construction Set, simple Intuition-based prog for assembling and printing a grocery list. AM24

dhrystone Dhrystone benchmark program. Author: Reinhold Weicker (Ada version) Rick Richardson (C version) FF1

DICE Dillon's Integrated C Enviroment. A C frontend, pre- processor, C compiler, assembler, linker, and support libraries. Also includes the editor, dme. Features include ANSI compatibility, many code optimizations, and autoinit routines (user routines called during startup before main is called). This is version 2.02, shareware, binary only. Author: Matthew Dillon FF359

Dick2RAM 2 programs to move the Scribble! spelling dictionary to and from the RAM disk. AM26

DIEd A full-screen ANSI editor including an animation utility. Provides PAL and NTSC compatibility. Many useful features such as horizontal and vertical block cut/pasting operations, line/block/screen centering, save defaults and more. Version 2.4, binary only. Author: P-E Raue FF388

DietAid Diet planning aid to allow the user to compile lists of ingredients (recipes) and automatically compute calorie totals, etc. Update FF36. V3.1, binary only. by Terry Gintz FF179

DietAid Diet planning aid to allow the user to compile lists of ingredients (recipes) and automatically compute calorie totals, etc. Shareware program ($10 suggested). By Terry Gintz FF36

Diff GNU diff and diff3 utilities, version 1.10. This version provides all the features of BSD's diff plus options to diff non-ASCII files, to ignore changes that just insert or delete blank lines, to specify the amount of context for context diffs, plus more. This version of GNU diff is part of the RCS package found on FF282. Includes source. By: Mike Haertel, David Hayes, Richard Stallman & Len Tower. Amiga port by Raymond Brand & Rick Schaeffer. FF281, FF231, FF138, FF107, AM11

Diff A simple version of diff. Update to version on FF75, includes source. Author: Erik Baalbergen FF87, FF75

DiffDir Compares the contents of two directories, generating a list of differences to the standard output. Detects files or directories present in one hierarchy but not the other, file attributes that are different (dates, flags, comments, etc), and differences in file size. Version 1.1, an update to FF188. Includes source. Author: Mark Rinfret FF281, FF188

DifSsed Dif produces a difference file which lists the line by line differences between any two text files. These differences can be fed to ssed (a stream type editor), along with the original text file, to remotely reproduce the other (new) file. Binary only. Author: Chuck Forsberg, Amiga port by Rich Schaeffer FF51

Digitized Sound: Using the Audio device to play digitized sounds in Modula-2. Author: Len A. White AC3

Diglib An Amiga device independent graphics library for fortran applications. This is an enhanced and debugged version of a public domain library, the development of which was sponsored by the US Government. This library is required for part of the Matlab package, also included on this disk. Includes source in FORTRAN. Author: Hal Brand, Craig Wuest, James Locker FF267

dimensions Programs to demonstrate three and four dimensional graphics. Not quite sure how else to describe them! Author: Anselm Hook FF14

Dio A module which makes it very easy to use EXEC devices, such as the 'serial.device'. It's generic and can be used with any EXEC device. It allows you to easily open libraries, get multiple IO channels for a device, read, write, do asyncronous operations, etc. Includes source. Author: Matt Dillon FF73

DirMaster A very nicely done shareware disk cataloger, submitted by the author for inclusion in the library. This is version 1.1, an update to the version released on disk 108. Lots of neat new features and enhancements. Binary only. Author: Greg Peters FF130, FF89, FF108, AM26

DirUtil An enhanced version of the dirutil from FF35. Dirutil is a program to wander around a directory tree and perform various operations on files. Author: Chris Nicotra, enhancements by Johan Widen FF49, FF40, FF35, AM11

DirUtil2 Another variant of dirutil.Author: Chris Nicotra, enhancements by Ed Alford FF35

Dis An AmigaDOS shareable library which implements a symbolic single-instruction disassembler for the MC68000 family and a program which uses the library to disassemble/dump AmigaDOS object files, making full use of symbolic and relocation information. With source code in Draco. By Chris Gray FF240, FF160, FF128

Dis6502 A ported 6502 disassembler with support added for C64 binary files. Includes source. Author: Robert Bond, Amiga port by Udi Finkelstein FF170

Disassem A simple 68000 disassembler. Reads standard Amiga object files and disassembles the code sections. Data sections are dumped in hex. The actual disassember routines are set up to be callable from a user program so instructions in memory can be disassembled dynamically. Author: Bill Rogers, Univ. of WAIKATO (New Zealand) FF27, AM3

DisEditor This is a demo of the dissidents shareware text editor. Version 1.1, binary only. By Dissidents Software FF348

DiskCat catalogs disks, maintains, sorts, merges lists of disk files. AM15

diskfont.txt Warning of disk font loading bug. C program. AM4

DiskFree An small iconifiable intuition program that shows the amount of free space available on all mounted disk devices, both numerically and graphically. Version 1.0, shareware, binary only. Author: Dieter Kuntz FF324

DiskHandler A sample implementation of a file system that reads and writes 1.2 format diskettes. Includes source. Author: Software Distillery FF236

diskio.c Example of track read and write. C program. AM4

Diskless Compiler: Setting up a compiler environment that doesn't need floppies. Author: Chuck Raudonis AC3

DiskLib Two utilities for those people who like to split up PD disks into disks of different categories. Includes source. Author: Wilson Snyder FF154, AM19

DiskMan Another 'disk browser and/or dirutil' type program. Version 1.0, binary only. Author: Greg Cunningham FF82

DiskMapper Displays sector allocation of floppy disks. Author: Leo Schwab FF33

Diskperf A disk benchmark program which runs on both Unix and the Amiga. This is an update to FF48, with bug fixes and more reliable measurements of the faster read and write speeds available under the new Fast File System. By Rick Spanbauer, enhancements by Joanne Dow FF187, FF48

DiskSalv A disk recovery program for all Amiga file system devices that use either the Amiga Standard File System or the Amiga Fast File System. Disksalv creates a new filesystem structure on another device, with as much data salvaged from the original device as possible. This is version 1.42, an update to the version released on disk 212. Binary only. Author: Dave Haynie FF251, FF212, FF177, FF164, FF20, AM8

DiskSpeed A disk speed testing program specifically designed to give the most accurate results of the true disk performance of the disk under test. Automatically updates and maintains an ASCII database of disk results for tested disks. This is version 3.1 with stress tests for CPU and DMA. Includes source in C. Author: Michael Sinz FF329, FF288, FF251

DiskTalk A cute little program, like muncho on disk 137, which plays digitized sound samples when you insert or remove a floppy disk. Samples are saved as IFF sound files. Version 1.0, binary only. Author: Nico Francois FF302

DiskWipe Latest from Software Distillery, removes files from directories or disk drives, much faster than "delete." AM25

DiskX Nicely done Sector-based disk editor. Binary only Author: Steve Tibbett FF158, FF71

DiskZap Program to 'edit' a disk, sector by sector. Version 1.1. Author: Paris Bingham Jr. FF50

Display Graphics display program to display HAM images from a ray tracing program. Includes some really spectacular pictures Author: Dave Wecker FF39

DispMod One of the series of ROBBS (Rexx Object Building Block System) modules by Larry Phillips. DispMod is a display module that only understands ARexx messages. It allows, under program control, the display of text and the acceptance of keyboard data. V0.11, With source. By Larry Phillips FF326

DisSecretary This program can be used to file information in a 'file cabinet' type environment. It is well suited for jobs such as maintaining a disk catalog, or user group membership, etc. Included is a data file of the library catalog, disks 1 to 310. Version 'Wanda', binary only. By Dissidents Software FF348

DissiDemos Demo of Midi Sample Wrench, which provides pro sample editing features for owners of musical samplers. Version 1.1, binary only. Author: Jeff Glatt FF307

Dissolve A program like ViewILBM, but the image slowly coalesces as pixels are added in random patterns. Inspired by an article in Nov 86 issue of Doctor Dobb's Journal by Mike Morton. Includes source. Author: Lee Robertson FF73, AM15

Dk A little display hack, inspired by Leo's gems. Written in Modula-2, includes source. Slightly newer than version on FF66. Author: Thomas Handel FF69, FF66, AM18

DM-Maps IFF maps to the Dungeon Master game. All 14 levels are included. Author: Unknown FF240

Dmake Release version 1.0 of Matt's version of the UNIX make utility. Update to beta version released on disk 179. Features multiple dependancies, wildcard support, and more. Binary only. Author: Matt Dillion FF246, FF179

Dme Version 1.38 of Matt's text editor. Dme is a simple WYSIWYG editor designed for programmers. It is not a WYSIWYG word processor in the traditional sense. Features include arbitrary key mapping, fast scrolling, title-line statistics multiple windows, and ability to iconify windows. Update to FF169, includes source. Author: Matt Dillon FF284, FF168 & 169, FF153, FF134, FF113, FF93, FF87, FF74, FF59

DmeAsm A utility for those who use Matt Dillon's Dme editor and HighSoft's DevPac Assembler. DmeAsm is a CLI command file that takes your source code as a parameter and opens a window similar to the Assemble window inside Devpac (Genam2) and gives similar options. If no parameter is supplied then the window will still open and you can supply your own. Version 1.1, includes source in assembly Author: Nic Wilson & W Weber FF365

DmeMacros A set of DME macros which utilize templates to turn DME into a language-sensitive editor for C, Pascal, Modula-2, and Fortran. Author: Jerry Mack FF146

DMouse A versatile screen & mouse blanker, auto window activator, mouse accelerator, popcli, pop window to front, push window to back, etc, widget. Includes DLineArt, a screen blanker replacement program for use with DMouse. This is DMouse version 1.20, an update to the version on disk 238 (also called version 1.20). Includes source. Author: Matt Dillon FF258, FF238, FF168 & 169, FF160, FF145, FF105

DNet A link protocol that provides essentially an unlimited number of reliable connections between processes on two machines, where each end of the link can be either an Amiga or a Unix (BSD4.3) machine. Works on the Amiga with any EXEC device that looks like the serial.device. Works on UNIX with tty and socket devices. Achieves better than 95% average throughput on file transfers. V2.10.13. Includes sources for both the Amiga and Unix versions. By Matt Dillon FF294, FF220, FF145

DocSplit A program to split the 1.3 autodoc files into individual subroutine files. One file is created for each subroutine, with the name created by appending .doc to the subroutine name. Version 1.0, includes source. Author: Joel Swank FF304

Doctor_A This animation of Amiguy on the basketball court is Marvin's entry to the 1989 BADGE Killer Demo Contest. The animation source (for SculptAnimate-4D) is available from the author. Author: Marvin Landis FF268

Dodge Short Modula-2 program moves the Workbench screen around after a period of time, prevents monitor burn-in. AM25

FREELY REDISTRIBUTABLE SOFTWARE

dogstar One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

DogsWorld This animation is Charles' entry to the 1988 Badge Killer Demo Contest. by: Charles Voner FF212

DoRevision This program implements easy creation of source code revision headers (very similar to the log headers to be found at the top of the Amiga 'C' include files). Version 1.0, includes source. Author: Olaf Barthel FF325

DOSDev Example DOS device driver in Manx C. Version 1.10, includes source Author: Matt Dillon FF113

DosError A small CLI utility that will return a slightly more verbose description of a DOS error code than that returned by the System. Can save a trip to the manual for vague or unfamiliar error codes. Version 2.0, includes source in assembly. Author: Robert Lang FF366

DOSHelper Windowing program to print help information about various DOS command. Version 1.60. Suggested $10 donation. Author: John Youells FF40, AM14

DOSKwik A pair of programs which allow you to save files, or a group of files, to one or more floppies for quick loading (loading up a RAM disk for example). Does not store files in DOS format, which is why it is faster. Version 2.0, update to version on FF 103. Binary only, shareware. Author: Gary Kemper FF129, FF103

DOSPlus1 First volume of CLI oriented tools for developers. Executables only Author: Bill Beogelein FF32

DOSPlus2 Second volume of CLI oriented tools for developers. Executables only Author: Bill Beogelein FF32

DoTil Lists, in alphabetical order, all files on any two directories, showing file size, creation date/time, and amount of free disk space. Also copies, renames, or deletes files and/or directories, and moves files from one directory to another. Version 2.0, shareware, author suggests $15 donation. by Dan Franki FF70

Dots-Perfect Printer driver for an Epson MX80 printer with the Dots-Perfect upgrade kit installed. Includes source. Author: Robbie Akins FF108

dotty Source to the 'dotty window' demo on the Workbench disk. Posted to usenet by Dale Luck. FF1, AM1, AM4

Double Playfield: Shows how to use dual playfields in AmigaBASIC. Author: Robert D'Asto AC2

Dozer An IFF picture of a bulldozer. AM7

dpdecode decrypts Deluxe Paint, demo. AM14

DPFFT An enhanced version of DPlot. DPlot is a simple display program for experimental data, with the goals of supporting paging through lots of data and providing comfortable scaling and presentation. DPFFT includes the ability to plot a Fast Fourier Transform (FFT) of the data, customized amplitude and phase spectrum, prewhitening capability, and a Welch window for spectral smoothing. Update to version on disk number 324. Version 2.2, binary only. Author: A. A. Walma FF364, FF324

DPlot A simple display program for experimental data, with the goals of supporting paging through lots of data and providing comfortable scaling and presentation. V2.0 Binary only. By A. A. Walma FF290

DPS Demo version of a program to take any IFF file and save it as a totally self-contained executable file, without the need for any IFF-viewers. V1.0, binary only. By Foster Hall FF184

Dps A program designed to work with the PrintScript program, a commercial PostScript interpreter for the Amiga, to provide a page previewer. V 1.1 with source. by: Allen Norskog FF209

dpslide A slide show program for displaying graphic images which are in the IFF format, such as output from the Electronic Arts Deluxe Paint program. Allows the user to select the display time for each slide and the method of bringing the slide up to the screen, and then removing it. Double buffers images to improve smoothness of display. Author: Paul Biondo FF11, AM3, AM6

Draco Update to Chris Gray's Draco distribution for the Amiga.Enhancements include support for floating point, register variables, more optimization, improved call/returnstandard, etc. V1.2 Requires documentation from FF77 to complete the distribution kit. Binary only. By Chris Gray FF201, FF76 & 77

dragon One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

draw One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Drawmap A program for drawing representations of the Earth's surface. Can generate flat maps, mercator maps, globe views and orbital views. This is version 2.0. Enhancements include dropshadows, user text entry and placement, improved event processing and better looking mouse pointers. Includes source. Author: Bryan Brown FF315, FF229

DRES V1 Support (run time) library w/ lots of functions including a generic parser & IPC. FF168 & 169

Drip Drip is an arcade style game with 15 floors (levels). You must move along the pipes of each floor and rust them to advance to the next level. Every 3 floors completed will entitle you to a bonus round where extra drips can be won. An extra drip will also be awarded for every 10,000 points. Binary only. Author: Art Skiles FF347

Driver Demo device driver in source. Functions as a RAM disk for demonstration purposes. Author: Lee Erickson FF39

DropCloth DropCloth lets you place a pattern, a 2 bitplane IFF image or a combination of a pattern and image, into the WorkBench backdrop. This is version 2.4. Shareware, binary only. Author: Eric Lavitsky FF201, FF128, FF59

DropShadow Dropshadow version 2, rev 0, for use with Bryce Nesbitt's Wavebench demo. Binary only. Author: Jim Mackraz FF112, F87, FF74, FF59, AM18

DSM Dynamic Sound Machine Demo version with 'Save' disabled of a program that will take any IFF sound or raw data and save it as a totally self-contained, runable program. By Foster Hall FF167

DTC A utility providing a simple calendar which can hold and show appointments. It may be useful in managing your time. Its chief goals were to provide day, week and month at a glance for any date between 1/1/0001 and 12/31/9999, defaulting to the current date. It is menu driven and fairly easy to use. With source in Fortran. By Mitch Wyle, Amiga port by Glenn Everhart FF335

DTerm Small, flexible, terminal program with intelligent data mapping, intelligent keyboard mapping, dynamic menus, intelligent command language, asyncronous IO, duplex control, and a state machine structure allowing you to build any automatic control structure you wish (from auto-redial, sequence dialing, to auto-logon). Version 1.10, binary only. Author: Matt Dillon FF73

Du Prints number of disc blocks used in selected files or directories. Modified to make output more readable, and handle ^C exit. Includes source. By: Joe Mueller, enhancements by Gary Duncan FF345

Dual Demo: How to use dual playfields to make your own arcade games. Written in C. Author: Thomas Eshelman. AC7

dualplay.c Dual playfield example. C program. AM4

DualPlayField An example of using a dual-playfield screen, using a method contrary to documentation in the Intuition Manual Author: Jim Mackraz FF41

DuM2 A version of the ever popular directory utility (dirutil) but this one is written in Modula 2 and includes source. Dirutil is a program to wander around a directory tree and perform various operations on files. Version 1.5. Author: Greg Browne FF75

DumpDiff A small utility that prints the hexdumps of 2 files, with all differences between these two files highlighted. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF253

Durer Draws pictures in the style of Durer. ABasiC program. AM1

Dux5 Latest version of directory utility which is a descendant of the original dirutil program by Chris Nicotra. Includes source. Author: Enhancements and fixes by lots of people FF67

DvorakKeymap Example of a keymap structure for the Dvorak keyboard layout Untested but included because assembly examples are few and far between. Author: Robert Burns @ Commodore-Amiga FF27

DWIP 'Daisy Wheel IFF Printer'. A graphics printing utility that allows the printing of IFF pictures on a daisy wheel printer. Includes source. Author: Ken Van Camp FF160

DX-Synth Voice filer program for Yamaha DX series synthesizers. Voices are transfered to and from the Amiga over MIDI. Update to 'VoiceFiler' released on FF38. Binary only. Author: Jack Deckard FF82

DX-VolceSorter To be used with Jack Deckard's VoiceFiler program. (Disk 82). It allows for the sorting of a number of voicefiles stored uring that program into a new voicefile of voices created from various files. With source. By David Bouckley FF149

Dynamic Memory!: Flexible string gadget requester using dynamic memory allocation. Author: Randy Finch. AC8

dynamictriangle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. It is not certain which of the two early basics this program used. FF13

DynaShow A program and example image using a dynamic HiRes technique to display up to 4096 colors in high res with overscan. Dynamic HiRes uses a different 16 color palette on each scan line. Version 1.1, binary only. Author: NewTek FF285

EAguys.pic The guys at Electronic Arts. AM6

EasyBackup A CLI-based hard-disk backup/restore utility. Features incremental backups by archive bit status, by datestamp, or command-line query. Incremental backups can be appended to an existing backup set. Includes source. Author: Oliver Enseling FF365

EasyMouse Another threshhold-mouse-accelerating, screen-to-back, window to-front, mouse-blanking, screen-blanking, auto- window activating, low-memory-warning, auto-window sizing, configuration-saveable clock! Version 1.0, includes source. Author: Oliver Enseling FF365

Echo Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

Echo A small replacement for the AmigaDOS echo that will do some special functions, such as clear the screen, delete to bottom of screen, scroll the screen, place the cursor at a particular location, and set the text style and/or color. Includes source. Author: Garry Glendown FF217, FF36

Echo Echo is a replacement for the AmigaDOS or ARP echo command. This version provides easy color setting or positioning for all echo'ed strings. Completely compatible with the AmigaDOS and ARP echo commands, all your old batch files should work correctly. Version 1.08c, includes source. By: George Kerber (based on echo by Garry Glendown) FF311

echox UNIX-style filename expansion, partial S, C program in C source code and executable. Documentation included. AM1

ECPM A CP/M emulator for the Amiga. Emulates an 8080 along with H19 terminal emulation. Update from version on FF109. Includes source. Author: Jim Cathey; Amiga port by Charlie Gibbs; Significant improvements by Willi Kusche FF157

Ed An editor based on the editor described in the original Software Tools book. It is very similar to the UNIX 'ed' editor, but not identical. Includes source. Author: Brian Beattie FF84

EdCommands Text guide to the ED editor. AM1

Edimap A keymap editor. Allows you to read in an existing keymap file, modify it to suit your needs, and save it as a ready-to-use keymap. V1.0, includes source. By Gilles Gamesh FF182

EdLib A library of additional functions for Manx. This is V1.1, an update to V1.0 from FF183. With source. By Edwin Hoogerbeets with C-functions from several different authors FF218

EFJ A fast action machine-code game (Escape From Jovi) featuring hi-res scrolling, large playfield, disk based high score list, stereo sound, multiple levels, a cheat mode, realistic inertia and gravitational effects, an animated sprite, and more. Use a joystick in port 2 to control the ship. This is version III, an update to the version on disk 148. Includes source in assembly code. Author: Oliver Wagner FF259, FF148

Egad A gadget editor from the Programmers Network. Very nicely done and very useful. Author: John Draper, Ray Larson, Brent Southard, and Dave Milligan FF46

EGraph Egraph reads pairs of x and y values from a list of files and draws a formatted graph. Supports four unique curve fonts; solid curves, dashed curves, dotted curves, and long dashed curves. The maximum number of data points is unlimited. Has globs of options. Binary only. Author: Laurence Turner FF58, A

EgyptianRun Cute little 'road race + hazards' type game. Version 1.1, binary only, shareware, source available from author. Author: Chris Hames FF120

EHB Checks to see if you have extra-half-bright graphics. In C source code, executable program and documentation. AM21

electric guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Elements Very nice interactive display of the the Periodic Table of Elements. Includes general row and column information, plus a test mode where the program asks specific questions about the selected element or row/column. This is version 2.3, an update to version 2.0 on disk 368. Binary only, shareware. Author: Paul Thomas Miller FF384, FF368, FF297, FF253, FF175

Eless A faster directory lister, that also sorts entries and displays directories in the current cursor color (ala the Manx 'ls' program). Includes source. Author: Leo Schwab FF75

ElGato This animation is Kevin's entry to the Badge Killer Demo Contest. It also has a background music arrangement, that requires Sonix to use. Author: Kevin Sullivan . FF125

Elib Example of building a shared library using small model Manx C. Includes source. Author: Jim Mackraz FF87

Eliza One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM18

Emacs An early version of the Amiga text editor, C program in C source code and executable. Documentation provided. AM2

EmacsKey Makes Emacs function key definitions by Greg Douglas. In C source code, and documentation. AM19

Empire Empire is a multiplayer game of exploration, economics, war, etc, which can last a couple of months. Can be played either on the local keyboard or remotely through a modem. This is version 2.1w, an update to version 1.33w on FF329. Changes include a client-server system, a chat/CB mode, realtime private player to player messages, and other enhancements. Binary only. Author: Chris Gray, David Wright, Peter Langston FF357, FF329, FF118

Emporos You are living on the island of Emporos, where several countries exist. Your goal is to make one of these countries your own. There is only one way to do this, and you have to find it out. Binary only. Author: Roland Richter FF229

Enigmas Nifty graphic simulation of the World War II German Enigma-Machine, a message encoding/decoding device that produced extremely difficult to crack cryptographic code. Binary only. Author: Gaylan Wallis FF367

Enough A new CLI execute file command that tests for various system resources such as available memory or existence of specific files, directories, or devices. Author: Bruce Barrett @ Commodore-Amiga Player Animation player for Aegis Animator. Received directly from Aegis Development. FF29

Entertainer Plays The Entertainer, a Scott Japlan song made famous by "The Sting". ABasiC program. AM1

EOMS Experts Only Mercenary Simulator. A neat (and tough!) PD game that was originally developed for eventual commercial release but, for various reasons, the author decided to release as PD instead. So far my son has beat every other Amiga game I've got, both PD and commercial, but he gave up on this one. For serious game players. Binary only. Author: Daniel Cardenas FF78

Epson An improved Epson driver that eliminates streaking. AM9

Epson LQ-800 Printer driver for the Epson LQ-800. AM9

epsonset Executable program that sends Epson settings to PAR from menu. Documentation included. AM12

Error Adds compile errors to a C file, C source code. AM3

Esperanto A keymap modification to usa1 which, in con-junction with the supplied slate.font, will allow one to type in Esperanto and Welsh, in any program that will use keymaps & fonts by: Glyn Gowing FF211

esuoM A little screen hack that causes the mouse pointer to move in the opposite direction of the mouse. Includes source. Author: Rob Eisenhuth FF229

Etale Another 'more' or 'less' type file reader, which differs from the others in that it supports superscripts and subscripts at very low memory cost, and supports a complete Greek alphabet. Includes source. Author: William Hammond FF254

Etime Etime will display the elapsed time between events. This is useful in scripts to display the elapsed time between the beginning and ending. Many options including color and time displayed as hh:mm:ss or total seconds. Version 1.05c, includes source. Author: George Kerber FF311

Eval This package allows you to manipulate expressions. Currently its two main functions are evaluation and differentiation. It also does some basic simplifications (based on pattern matching) to make the result of a differentiation more presentable. Includes source. Author: David Gay FF192

Evo A human evolution toy/tutorial. Includes source. Author: Steve Bonner FF130

Evolution This program graphically simulates the evolution of a species of 'bugs', the insect kind. Bugs, represented by moving blobs, eat bacteria represented by single pixels. They mutate, compete for food, reproduce and pass their mutations to their offspring. Nice example of graphics and software simulation. Standalone image and source code. Author: Russel Yost FF239

EW Patch for Intuition OpenWindow( ) and CloseWindow( ), creating a Mac-style frame whenever a window is opened or closed. Very short, with source in assembler. By O. Wagner FF286

FREELY REDISTRIBUTABLE SOFTWARE

Examples Assembly and C code examples, including some old favorites (like speechtoy and yachtc3) downcoded to assembly language. Includes a replacement for the official audio device, an example of creating a subtask, a rewrite in assembly of R. J. Mical's file requester, an example of installing a custom input handler ahead of intuition, and more. Author: Jim Fiore & Jeff Glatt FF203

Excption Exception is a set of error handling routines that provide a programmer with the ability to easily handle often difficult to implement routines. Routines such as no more memory, file not open, read/write error....etc. V0.6, includes source. By Gerald T Hewes FF179

exec.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

ExecDis A disassembler comment generator program for the 1.2 Kickstart ROM exec library image. Generates a commented disassembly of the exec library. V1.0, binary only. By Markus Wandel FF188

ExecLib A working example of how to build and use user-defined disk-resident libraries. Of special interest to developers working with Lattice C. Author: Alex Livshits FF150

Expose Program which will automatically cause all screen drag bars and screen depth-arrangers to become exposed. Sends a message to windows which obscure the screen drag bars, asking them to move down a pixel, and also to become smaller if necessary. Includes source. Author: John Russell FF73

ExP_Demo Demo version of Express Paint 1.1. This is the program that was used to create the huge scrolling demo picture in the AMUC_Demo drawer on this same disk. Binary only. Author: Stephen Vermeulen FF117

extdisk Text, external disk specification. AM5

ExtFuncProc External Function Process. Allows execution of any library function from simple tasks even if these functions require a process environment. For experienced programmers only because there isn't any documentation written yet but only an example. ExtFuncProc is used by GMC. It runs under KS 2.0. Binary only. Author: Goetz Mueller FF387

ezspeak One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

ezterm A basic sample program from Fred Fish's Grab Bag. It is not certain which of the two early basics this program used. FF13

FAM A File Access Manager for the Amiga that allows multiple ARexx programs to access a buffered version of a directory in a consistent and serialized manner. It buffers all the names, dates, sizes and so on, for quick access. Version 1.1 with source. By: Darren New FF325

FarPrint Debugging functions for programs which don't have any links to their environment. FarPrint consists of two major parts; a harbour process open to receive and distribute messages and requests, and a set of C functions to be linked into any program wishing to communicate with the FarPrint main process. This is version 1.5 and adds a shared library as well as linker libraries for both Lattice and Aztec C. Includes source. Author: Olaf Barthel FF325, FF281

Fast Fractals: A fast fractal program written in C with Assembly language subroutines. Author: Hugo M. H. Lyppens AC6

Fast Pics: Re-writing the pixel drawing routine in Assembly language for speed. Author: Scott Steinman AC6

FastBlit A small tool to speed up blitter operations by up to 60%. Version 1.0, binary only. Author: Ralf Thanner FF354

FastDisk A disk optimizer providing two ways of optimizing. Originally written by Thorsten Stolpmann. This is version II, now featuring an Intuition interface, ARP support, bug hunting, and Lattice C compatibility, done by Oliver Wagner. Includes source in C. Author: Thorsten Stolpmann and Oliver Wagner FF286

fasterfp Explains use of fast-floating point math C program. AM1

FastGro A fractal program, simulating Diffusion-Limited Aggregation (DLA) as described in the December 1988 Scientific American in the Computer Recreations column. This program is about an order of magnitude faster than the 'SLO GRO' program described in Scientific American. V 1.0, includes source. By Doug Houck FF188

FastText Blitter based fast text rendering routines written in assembly. Unique in the fact that they speed up rendering of non-proportional fonts of any height, and from 4-16 pixels in width. With source and test program. By Darren M. Greenwald FF170

FBM An Amiga port of the Fuzzy PixMap image manipulation library. This package allows manipulation and conversion of a variety of color and B&W image formats. Supported formats include Sun rasterfiles, GIF, IFF, PCX, PBM bitmaps, 'face' files, and FBM files. Also has input converters for raw images, like DigiView files, and output converters for PostScript and Diablo graphics. Besides doing format conversion, some of the other image manipulation operations supported include rectangular extraction, density and contrast changes, rotation, quantization, halftone grayscaling, edge sharpening, and histograms. V 0.9, binary. By Michael Mauldin; Amiga port by Kenn Barry FF334

Fd A modified version of Leo's 'eless' that processes an entire track at a time, to minimize rereading of blocks. Includes source. Author: Leo Schwab, enhancements by Stephen Vermeulen FF75

Fedup A random access, byte oriented file-editor that gives you the option of viewing and editing any file (binary or ASCII) using either ASCII or hexadecimal notation. Version 2.1, binary only. Author: Martin Lindemann FF230

Fenster A program which can operate on windows owned by another program, to close them, change their size, refresh gadgets, move the window to the background, etc. This is version 2.2, an update to version 2.1 on FF305. Includes source in assembly. Author: Roger Fischlin FF362, FF305, FF298, FF245

ff A very fast text formatter, controlled exclusively by command line arguments. Author: Gary Perlman & hordes of students FF3

FFP & IEEE: An Example of using FFP & IEEE math routines in Modula-2. Author: Steve Faiwiszewski AC1

FFT Highly optimized Fast Fourier Transform tools for digital signal processing. The FFT can be used to compute the frequency spectrum of a complex signal. It is useful in a variety of different applications. Floating point and integer versions. Mixture of high level and assembly language code. Includes source (requires JForth). Author: Jerry Kallaus FF239

File A program that recognizes various types of files and prints what that type is. Recognizes font files, icon files, executable files, standard object files, compressed files, command scripts, C source, directories, iff files, LaTeX source, modula II source, arc files, shell commands and scripts, TeX source, dvi files, uuencoded files, yacc files, zoo archives, etc. Version 1.0, includes source. Author: Edwin Hoogerbeets FF231

FileBootBlock This simple little program reads blocks 0 and 1 of a bootable disk and saves them as a program file that can be run (heaven forbid) or disassembled by programs like DIS or DSM. Includes source in assembly code. by: John Veldthuis FF191

FileEncrypt Another intuition based file encryptor to enable you to scramble your highly secret, hard earned source code and prevent your co-workers from taking credit for it! Includes (unscrambled) source. Author: Lorenz Wiest FF379

FileIISG-Demo A demo version of Softwood File IIsg, a database manager with sound and graphics. Also includes a database of previously released disks in this library, courtesy of Stan Spence. Binary only. Author: Woody Williams and Donald Brady FF86

FileIO A disk based shared library to make filename selection easy for load and save routines using an Intuition interface. Includes the ability to select multiple filenamesContains updated files for version 1.6 of the dissidents requester library. There is a bug fix to the library as well as a new function. See FF257 for the complete documentation, and examples. By: Dissidents Software, R. J. Mical, Jeff Glatt and Jim Fiore. FF348, FF307, FF257

FileIt A simple database program, written in DRACO. It is meant to be portable, thus it does not use any of Intuition's facilities. Version 1.0, includes source. Author: John Davis FF230

FileMaster A file editor like New2ap or FedUp, which allows you to manipulate bytes of a file. You may also change the file size or execute a patch. Version 1.20, update to version on FF298, includes source in assembly. Author: Roger Fischlin FF361, FF298

Filenames AmigaDOS filename wildcard conventions in a text file. AM1

FileReq This is Jonathan's second version of a file requester, and is much more powerful than the one included on disk 204. Shareware, with source. By Jonathan Potter FF242, FF204, FF85

FileRequest Assembly code example of a file requester. V2.0, an update to FF173, where it was called FileSelect. New features include 3 speed scrolling of filenames and ghosting of unavailable devices. Includes source. Author: Fabrice Lienhardt FF292, FF173

FileRequester A very nice file requester module for lattice C programs, along with a demo driver program. Author: Charlie Heath FF35

FILES V1.2 Matt Dillion's disk catalog program. FF168 & 169

FileSelect A FileIO selector, written 100% in assembly. Version 1.0, includes source Author: Fabrice Lienhardt FF173

FileSystems Displays AmigaDOS disk devices with information about the head geometry, BufMemType, and the lower level exec device. With source. By Ethan Dicks FF329

FileTest This routine is used to recursively descend the file system tree from a specified directory location, reading the files into memory (if they will fit) as it goes. Useful as a complete test of file system integrity. Includes source. By Stephen Vermeulen FF284

FileWindow A completely public domain file requester which may be used in any program, even commercial ones. It uses dynamically allocated memory to hold the file names so the only limitation is the amount of memory available. Includes a filter option to limit display of filenames to only ones with a specific extension. Names are automatically sorted while they are being read and displayed. V1.10, includes source. By: Anders Bjerin FF336

filezap An updated version of the file zap utility first released on FF10. Can be used to patch any type of file. Nice, and VERY useful. Author: John Hodgson FF14, FF10, AM16

FillDisk Disksalv has been known to find some rather interesting things in the free blocks of some production disks from companies that should know better. This little hack makes sure you don't get caught in the same trap, by scribbling the disk's free blocks in a totally safe manner. Includes source (all 20 lines of it). Author: Fred Fish FF61

fillibuster One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Find Find is a utility which searches for files that satisfy a given boolean expression of attributes, starting from a root pathname and searching recursively down through the hierarchy of the file system. Very much like the Unix find program. V1.2, includes source. Update to FF134 Author: Rodney Lewis FF197, FF134

FINDIT V1.00 Search for a filename (wildcard) FF168 & 169

FineArt This is a collection of works from some of the best of current Amiga artists. Many thanks to Jim Sachs, Sheryl Knowles, Jack Haeger, and Aegis Development for submissions. FF30

FirstSiliCon A smart input line interpreter that provides a separate command window with full editing and recall of previous commands. Actual name is 'Sili(Con:)'. By Pete Goodeve FF50

Fish 'A demo program which runs an AnimOb in a double buffered screen with sequence cycled animation'. (Basically shows a fish 'swimming' across the top of the screen). Author: Catherine Wagner (posted by Barry Whitebook) FF15

FiveInLine A board-playing game similiar to Go-Moku, Ristinolla, etc. Fast-paced and quickly addictive! Includes source. Author: Njel Fisketjxn FF163

Fix68010 A program which patches executables that fail to run on machines equipped with an M68010, so that they no longer use the prohibited priviledged instructions. Binary only. Author: Gregor Brandt FF241

FixDate Fixes future dates on all files on a disk, C program in C source code and executable. AM1

FixDisk A program to recover as much as possible from a defective disk. It can sometimes recover damaged (unreadable) tracks, check file integrity, check the directory structure, undelete files, copy or show files, fix corrupted directory pointers, etc. Full intuition interface. V1.0, binary only. By Werner Guenther FF223

FixFd A utility for Amiga assembly programmers. FixFd will read a '.FD' file and output a file that can be 'INCLUDE'ed rather than having to link with the colossal 'Amiga.Lib'. V1.0, includes source in assembly. By Peter Wyspianski FF183

FixHunk A program to modify executable files to allow them to run in external memory. It forces all DATA and BSS hunks in the file to be loaded into CHIP memory. CODE hunks will still load into FAST ram if available. New features include an interactive mode to select where each DATA or BSS hunk will load into memory, support for overlays, support for AC BASIC compiled programs, and support for new hunk types as used by 'blink'. V2.1, binary only. By D.J. James FF197, FF36, AM17, AM16

FixIcons A program to scan through all files in a given volume or directory, looking for project icons and changing their default tools according to instructions given in a script file. Version 1.2, includes source. Author: Lars Clausen FF303

FixObj Strip extraneous garbage off the end of object files transferred with modem. Does not require pre-knowledge of actual file length, uses knowledge of Amiga file structure. Version1.1 (update to copy on disk #10). Author: John Hodgson FF38, FF10, AM17, AM2

FixWB A program similar to 'DropCloth' (also on this disk), but not fully working yet. At least this one is provided in source, so you get your choice of a working one in binary or a nonworking one in source. Sigh. Author: Leo Schwab FF59

FKey includes template for making paper to sit in the tray at the top of the Amiga keyboard. AM15

FlamKey Installs a little key on the WorkBench screen title bar, and then waits in background until somebody clicks on the key. When activated, allows the keyboard and mouse inputs to be locked out until a password is entered. Shareware, binary only. Author: Alex Livshits FF105

Flex Flex is a replacement for the UNIX 'lex' (lexical analyzer generator) program that is faster than lex, and freely redistributable. With source. Authors: Jef Poskanzer, Vern Paxson, et. al. Submissions by William Loftus and Scott Henry FF156

FlightSim A simple flight simulator AmigaBASIC program. AM9

Flip Seems like Leo's gems have inspired lots of people. This one is quite cute also. Written in assembler, includes source. Author: Mike Berro FF66

Flip Another program in the long tradition of screen hacks. Run it and see what happens. Binary only. Author: Andreas Schildbach FF369

Flip Allows you to quickly and easily switch between various screens. Can close screens, pull them up, and activate windows. Has the unique feature of sorting screens in a way that all title bars are visible at one time. This is version 2.0, binary only. Author: Lars Eggert FF390

Flipper A small, fast, Othello program. Does not use any look-ahead methods. Binary only. Author: Michael Sinz FF248

flood.c Flood fill example. C program. AM4

Flow2Troff A little utility to convert from New Horizons Software 'FLOW' files to UNIX 'troff' files, suitable for printing on any troff-compatible laser printer. Version 1.0, includes source and a sample 'FLOW' file. Author: Daniel Barrett FF162

lute Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Fm File mapper program. Uses track disk device to grab sectors and traverse the file system to find out what sectors a particular file occupies. Author: Leo Schwab FF36, AM15

FMC An alternative to the NoFastMem program. Uses a cute little switch gadget to turn fast memory on or off. Version 1.2, includes source in assembly code. Author: Roger Fischlin FF244

FME Patch to AllocMem( ) to allow badly designed programs which request fast mem without necessity to be run on 512k machines. Plus source in assembler. By: Holger Lubitz FF346

Fme Nicely done map editor for the Fire-Power (tm) game. Features interlaced hi-res with intuition interface. See the 'Readme.fnf' file for information on making a bootable disk. Includes source. Author: Gregory MacKay FF148

FmsDisk A file based trackdisk simulator, useful for creating a floppy-like partition on your hard disk (so you can diskcopy to a floppy) without actually having to create a special partition for it. Also useful for testing new filesystems and such. Supports up to 32 units, with either the old filesystem or the new fast filesystem. Includes source. Author: Matt Dillon FF294

FnctnKeys Text file explains how to read function keys from AmigaBASIC. AM9

FontEditor Does what the name implies, edits fonts. Author: Tim Robinson Author's suggested shareware donation: $5 FF30

Fonts Several miscellaneous new fonts for your enjoyment. Author: (Several) FF81

Foogol Just what you've been waiting for, a foogol cross compiler for your Amiga that generates VAX assembly code. Now you can port all those Amiga foogol programs to your VAX! Seriously, foogol-IV is a tiny Algol like language and this is a compiler for it. Includes source. Author: Per Lindberg FF66

Foreach A simple but useful program that expands a wild card file specification and then invokes the specified command once per expanded filename, with the expanded filename as the command argument. Includes source. Author: Jonas Flygare FF138

Form File formatting program through the printer driver to select print styles. AM15

Formatter A disk formatting program with an intuition interface which supports write verification, disk installation, fast formatting and automatic start. Formats a 3.5 disk in a multitasking environment in about 1:36 minutes (with verify turned on). Version 2.4a, includes source. Author: Olaf Barthel FF377

Formulae An implementation of basic propositional formulae manipulation routines in Scheme (Scheme is available on disk 149). Uses only essential procedures so it should run under any Scheme. Includes source in Scheme. Author: Gauthier Groult and Bertrand Lecun FF316

Fortune Randomly display a 'fortune' selected from a fortunes file (supplied), by text or voice. The 'fortunes' file is easily modified or added to by the user, using any text editor. New version will work from the Workbench or CLI. Version 2.04g, update to version on FF311, source included. Author: George Kerber FF369, FF311

FREELY REDISTRIBUTABLE SOFTWARE

Fpic Fpic is an image processing program, designed specifically to be used in conjunction with digitized (Digi-View) lo-res black & white IFF picture files. Provides several filters, including average, binary (threshold), clipblit, cross, Sobel, Roberts, pixelize, sharpen, and a user defined matrix. Also supports merging of two images, histogram, image compare, and remapping. Binary only. Author: Bob Bush FF71, AM20

FracGen A fractal generator program that generates fractal pictures from 'seeds' that you create. This is unlike any of the other 'fractal generators' I've seen. It can be used to load and display previously created fractal pictures, modify existing fractals, or create your own fractals. V 1.23, binary only, update to FF142. By Doug Houck FF188, FF142

fractal One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Fractal A fractal program which produces a random square fractal terrain. Author: John Olsen FF52

Fractals draws great fractal seascapes and mountainscapes. AM15

Fractals A Fractal generator that generates many different types of fractals based on the iteration of complex-valued formulas. The program can generate the Mandelbrot and Julia sets, as well as the sets of more unusual formulas such as lambda*COS(Z) and Newton-R. Version 2.1, includes source and some sample creations. Author: Ronnie Johansson. FF371

Fractals Part I: An introduction to the basics of fractals with examples in AmigaBASIC, True BASIC, and C. Author: Paul Castonguay AC2

Fractals Part II : Part II on fractals and graphics on the Amiga in AmigaBASIC and True BASIC. Author: Paul Castonguay AC4

Fractals: Part III: AmigaBASIC code that shows you how to save/load pictures to disk. Author: Paul Castonguay AC6

Frag Two CLI utilities that show disk and file fragmentation on AmigaDOS floppies. Includes source. By: David Gay FF278

FragIt A dynamic memory thrasher for the Amiga. FragIt randomly allocates and deallocates psuedo-random size values of memory, ranging from 16 bytes to 50000 bytes by default. The result is an allocation nightmare, thousands of memory fragments are being created and destroyed continuously. This puts stress on the memory allocation routines of an application undergoing testing by simulating a very busy, highly fragmented memory environment. This is version 2.0, featuring many bug fixes, a full intuition interface, configuration settings via the icon, and more. Includes source. Author: Justin V. McCormick FF243

Frags Reports the number of free blocks of size 2^(n-1) to (2^n)-1 for n up to 24 (blocks of max size 16Mb-1). Translation: Gives you some idea of how fragmented your free memory is. Includes source. Author: Mike Meyer FF69

Free A little command to put in your c directory that returns memory status and number of tasks currently served by EXEC. Includes source. Author: Joerg Anslik FF159, FF66

Free Display how much free space (bytes or blocks) you have on any or all of your mounted disk volumes. Runs from CLI only. Based on 'Free' by Tom Smythe on Fish Disk 66, but totally rewritten and enhanced. Version 1.01, includes source. Author: Daniel Jay Barrett FF388

freedraw A small 'paint' type program. Free drawing, boxes, filled boxes, etc. Author: Rick Ross FF1, AM1

freemap Creates a visual diagram of free memory. Comes with custom icon so can be run from workbench screen. Author: Robert J. Mical FF5, AM4

FReq A general purpose file requester, which was designed to be easy to use and fast, with a built-in ARexx port allowing you to use it from ARexx scripts or applications with ARexx ports. Version 1.0, binary only. Author: Jeffrey D. Wahaus FF308

Friends Cute little screen hack with command-line options to keep your mouse pointer company when you step away. Includes source. Author: Michael Warner FF161

fscape One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM1

FTOHEX Part of DASM used to convert a DASM executable into an intel-hex formatted ascii file. FF168 & 169

fullfunc.txt List of #defines, macros, functions. C program. AM4

FullReset A program to get rid of all viruses, vector modifying programs, and residents, by forcing a specific reset. Binary only. Author: Jurgen Klein FF283

FullView A text viewer that uses gadgets at the bottom of the screen (thus can display text 80 columns wide), opens up to the full height of the Workbench screen, has fast scrolling, and can work with compressed files (file compression program included). Shareware, binary only, source available from author. V1.1, update to FF242. Author: Jonathan Potter FF287, FF242

FullWindow Resizes any CLI window using only CLI commands. Executable program and documentation. AM18

FunBut Lets a function key act like a rapid series of left mouse button events. AM26

FuncKey A shareware function key editor, submitted by the author for inclusion in the library. This is version 1.1, an update to the version on disk 89. Binary only (source available from author). Author: Anson Mah FF106, FF89

Function Evaluator: A program that accepts mathamatical functions and evaluates them. Written in C. By Randy Finch AC6

Funds AmigaBASIC program to track the prices of mutual funds or stocks. Includes source. Author: Bill Strack FF74

Furnish For those of you who may have ever used the 'scale size cut and place' method of determining your next living-room arrangement, this Amiga-ized version may be just what you need. Binary only, shareware. Author: Terry Gintz FF175

gad 'Fun with Gadgets'. Demonstration program for use of gadgets. Author: John Draper (aka 'crunch') FF1

Gadgets Bryan Catley's AmigaBASIC tutorial. Source code and documentation. AM19

Gadgets Tutorial on gadgets from J. Draper. AM2

gameport Text, game port spec. AM5

Garden makes fractal gardenscapes. AM22

Garfield Garfield in LoRes FF72

GaryIcons A collection of more interesting and useful icons. Author: Gary Roseman FF190

Gauge Continuously displays memory usage in a vertical bar graph, similar to the workbench 'fuel gauge' type display for disk space. Binary only. Author: Peter da Silva FF111

gbox One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

GDiskDrive Text instructions to make your own 5 1/4 drive. AM8

Gears A program to calculate and display the gears of a multispeed bicycle. Works for bicycles with 3 to 21 gear combinations. Version 1.1, includes source. By Joel Swank FF304

Gels in Multi-Forth-Part 3: The third and final part on using Gels in Forth. Author: John Bushakra AC5

Gels In MultiForth Parts I & II: Learn how to use Gels in MultiForth. Author: John Bushakra AC1

geltools.c Tools for VSprites and BOBs. C program. AM4

Gemini Star-10 Printer driver for the Gemini Star-10. AM9

Gen Program indexes and retrieves C structures and variables declared in the Amiga include file system. AM16

GeoTime A couple of interesting 'clock' type programs based on the 'Geochron'. Observe the earth's shadow scroll across a map or globe in real-time, based on the system clock. V1.0, binary only, shareware. By Mike Smithwick FF180

GetDisks Sample program to find all available disk device names and return them as a simple exec list. The list is made of named nodes, with the name being the device name. By Phillip Lindsay FF56

GetFile A very nice filename requester with source code. By Charlie Heath FF41

GetImage An enhanced version of 'gi' from disk 14. It now looks for the GRAB marker, in the brush file, instead of assuming that it is at a specific place, sets up the PlanePick value in the Image structure, and deletes any unused bitplanes to save memory and disk space. Includes source. Author: Mike Farren, enhancements by Chuck Brand FF345

Getsprite A simple little program to convert Dpaint brushes into C-source. Binary only. Author: Michael Warner FF161

GetVolume Sample program to get the volume name of the volume that a given file resides on. Works on any device, even the RAM: device. Author: Chuck McManis FF56

gfxmem An updated version of the graphical memory display program first released on FF1. Watch your machine's memory usage change dynamically under use! Author: Louis Mamakos FF14, FF1, AM4, AM1

gi Converts DPaint brush files to C source files 'necessary to create an Image structure, including height, width, depth, and color information, as well as the array of data which represents the bit planes of the image'. Author: Mike Farren FF14

Glat's Gadgets: Using gadgets in Assembly language. Author: Geff Glatt AC6

Glib A text screen oriented librarian and editor for synths. Supports the TX81Z, DX100, DEP5, DW8000, and K-5. Includes source. By Tim Thompson, Steve Falco, and Alan Bland FF228

GlobeDemo A graphics demo which displays very smooth transitions of the rotating earth. Features a pop-up menu. Includes source. Author: Bob Corwin FF151

GMC A console handler with command line editing and function key support. GMC provides extended command line editing, function key assignment in four levels, extended command line history, online help for functions in the handler, and an iconify function. This is version 9.2, an update to version 4.0 on disk 291, with many new features, including an output buffer (dump to printer and window), filename completer, script function, undo function, prompt beeper, pathname in window title, close gadget for KS 2.0, etc. Shareware, binary only. Author: Goetz Mueller FF387, FF291

GnuGrep The grep program from the GNU project. Replaces grepfgrep, egrep, and bmgrep. Currently does not expand Amiga style wildcards, so if you wish to scan multiple files you will need to use it with a shell that does this for you. This is version 1.5. Includes source. Author: Many (see README file) FF295, FF204

Go64 Another screen hack aimed at an earlier Commodore product (Not to be confused with the commercial product Go-64! from Software Insight Systems). With source. By Joerg Anslik FF156

Gomf Gomf stands for 'Get Outa My Face', a phrase many a programmer has mumbled when a Guru alert appears unexpectedly. This interesting little program can generally make the Guru go away and allow you to clean up and shutdown more cleanly. Version 1.0, binary only. Author: Christian Johnsen FF95

gomoku One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM3

gothic Gothic banner printer. Prints DOWN the page, rather than across, so arbitrarily long banners can be created. Send EOF (CTRL-\) to end input. From a Decus C distribution several years ago. FF3

GoWB Very small (296 bytes) and effective replacement for the well known "LoadWB" and "EndCLI" command pair. This release fixes a severe bug in the first version which used to guru if run out of a script. With source in C. By Oliver Wagner FF346

GPrint A black & white graphics print utility for Epson compatible printers. Command-line options allow several different print qualities and densities. Includes a couple of sample IFF files for printing. V2.03, binary only, shareware. By Peter Cherna FF180

Grammars A group of lexical grammar files for Ada, C and Pascal for use in conjunction with the flex program on this disk and the bison program on FF 155 By various authors, submitted by William Loftus FF156

Graph Function graphing programs. AmigaBASIC Program. AM3

Graph A program that draws mathematical functions on a plane. Text and axes may be added, and the result saved to disk or printed. Uses a full Intuition interface with multiple windows (one per graph), requesters, etc. V1.0, with source. By David Gay FF280

graphics.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

GraphicsPak A set of functions for general graphics operations such as boxes/lines, blitting, and opening/closing the libraries. It is used by both of the PopMenu and ListWindow test programs. Includes source. Author: Paul Thomas Miller FF368

GraphIt A program to plot most simple functions in 2 or 3 dimensions, as well as 2d parametric equations in term of t. Includes source. Author: Flynn Fishman FF97

gravity Sci Amer Jan 86 gravitation graphic simulation. In C source code and executable. Documentation included. AM13

Gravity-Well A celestial motion simulator that simulates the motion of up to twenty bodies in a Newtonian universe. The view of the simulation may be scaled, rotated in three dimensions or repositioned. Includes source. Author: Gary Teachout FF250

GravityWars The object of this game is for one player to hit the other player's ship with a missle, before being hit yourself. The ships and planets don't move, but aiming the missle in the presence of gravity fields and black holes makes hitting your target difficult. Version 2.0, shareware, binary only. This is an update to the version on FF84. Author: Ed Bartz FF105, FF84, FF70

GravSim A program to animate up to 6 planetary masses, all of which exert a mutual gravitational force on each other. The planetary masses can be placed anywhere on the screen, and their mass and initial velocity can be determined by the user. The program then steps the animation through time, plotting and displaying the new position in the trajectory of each mass. V1.50, includes source. Author: Richard Frost FF223

grep Decus grep (Get Regular Expression and Print). Useful for finding strings in files. Author: Unknown FF4, AM1

Grids Draw sound waveforms, and hear them played. AM15

Guardian Another virus diagnosing and vaccination program. Recognizes any non-standard bootblock. Includes a small utility program to permanently place the program on a copy of your kickstart disk in place of the seldom (if ever!) used DebugO function. Binary only. Author: Leonardo Fei FF154, AM25

Guru Handy 'guru' number interpreter (well, handy after reboot anyway!). Tells you what '81000009' means, for example. CLI usage only. Standalone image with readme file. Source code included. Author: Mike Haas FF239, AM25

Guru Guru fantasy in LoRes FF72

GuruMed Text file explains the Guru numbers. This is an older file. AM8

GurusGuide The source files for all examples published in the 'Guru's Guide, Meditation #1: Interrupts' by Carl Sassenrath, the architect of the Amiga's low-level multitasking operating system and designer of Exec. Author: Carl Sassenrath FF203

Gwin This is version 1.0 of GWIN. GWIN or Graphics WINdow is an integrated collection of graphics routines callable from C. These routines make it easy to create sophisticated graphics programs in the C environment. One-line calls give you a custom screen (ten types available), menu items, requestors, text, circles, polygons, etc. GWIN is a two-dimensional floating point graphics system with conversion between world and screen coordinates. GWIN includes built-in clipping that may be turned off for speed. Use of color and XOR operations are greatly simplified. Many examples of the use of GWIN are included in an examples directory. Examples include line/bar graph program, geographic mapping program, SPICE 2G.6 graphics post-processor, and others. Extensive documentation is included. By Howard C. Anderson. FF322

GwPrint An intuition-based text file print utility. Offers a wide selection of adjustable features for controlling pagination, headers, trailers, margins, date and page-numbering and various print styles/sizes. Version 2.0, binary only, shareware. Author: Gaylan Wallis FF367

H2I Translates C include files into assembler include files. Useful for programmers that use both C and assembler code in the same program. Helps to keep the structure definitions consistent. Version 1.1, shareware, binary only. Author: Goetz Mueller FF387

H2J Converts 'C' style '.h' include files to JForth style '.j' files. Useful when developing interfaces to new Amiga libraries like ARP, etc. Standalone image and source code. By Phil Burk FF239

Hack This disk contains a port of the popular UNIX game 'Hack', done by John Toebes and the crew at the Software Distillery. This is version1.0.3D. I have copied all the files to a freshly formatted disk, to create the master distribution disk, using a command of the form 'copy df0: to df1: all'. This insures that disk fragmentation is kept to a minimum, but also has the unfortunate side-effect that all the file dates are changed. Note that this disk must be named 'Hack_Game'. I have elected to keep that name, rather than using the usual 'AmigaLibDiskXX' convention for disks in my library, to avoid requiring users to rename the disk before using it.-Fred. Released April 11, 1987 FF62, FF25, FF7

Hack the source to 'Hack', a popular UNIX game ported to the AMIGA by John Toebes. FF8

HackBench HackBench provides the source for a WorkBench-like program, for experimentation and validation of new interface ideas. It is not intended to be an actual WorkBench replacement. Author: Bill Kinnersley FF96

HackerSln Text file explains how to win the game 'hacker'. AM9

HackLite This is the latest version the Amiga port of Hack, with lots of Amiga specific enhancements and neat graphics. Now includes an easy to use installation program. This is HackLite V1.0.0, binary only. By Software Distillery FF187

HagenDemos Joel Hagen's Badge Killer Demo contest entries, 'RGB' and 'Focus'. RGB was the overall winner of the contest. It requires one meg Amiga. Binary only. By: Joel Hagen FF112

haiku One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

FREELY REDISTRIBUTABLE SOFTWARE

hal9000m One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM1

halfbrite Sample program that demonstrates 'Extra-Half-Brite' mode on latter AMIGA's with new VLSI chip. Allows 64 colors in low-res mode, rather than 32. Posted to usenet by Robert Pariseau. FF1, AM1

halley One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

HAMCu Installs a custom copper list for the current active view (usually workbench) that contains all the colours from 0x000 to 0xfff. A neat effect and an easy way to show off the color capabilities of the Amiga. With source by Jonathan Potter FF204

Hames Some miscellaneous programs from Chris Hames. DirWork V1.01 is a fast, small, simple efficient DirUtility. FSDirs V1.3 is a floppy accelerator program. VMK V27 is a small virus detector/killer that knows about 27 different viruses and can detect new ones. NoInfo V1.0 stops programs from producing '.info' files. Binaries only. Author: Chris Hames FF328

HAMmmm This is Phil's entry for the Badge Killer Demo Contest. HAMmmm displays lines whose end points are bouncing around the screen, which is a double buffered HAM screen. The Y positions of the points are continuously copied into an audio wave form that is played on all four channels, and the pitch of a just intoned chord is derived from the average X position of these points. Includes source in JForth. Author: Phil Burk FF118

HAMmmm2 Graphics hack that displays moving lines in a HAM screen for a hypnotic effect. Uses sound tools from HMSL, if available, for a drone sound that corresponds to the graphics image. Standalone image and source code. By: Phil Burk FF239

HamPics These are some of the most stunning digitized pictures yet for the Amiga. They were scanned at a resolution of 4096 by 2800 pixels, 36-bits per pixel, on an Eikonix 1435 slide scanner, cropped, gamma corrected, scaled, and converted to Amiga IFF HAM files. They are displayed with a special ILBM loader that handles overscan HAM images. Includes source for the display program. Author: Jonathan Hue FF196

HAMpoly A polygon drawing demo which uses HAM mode to produce polygons of any of the possible 4096 colors. Author: John Olsen FF52

hand. A program is also included for restoring the correct checksum of the Kickstart disk. AM25

Handler An example that implements an AmigaDOS Handler (device) in non-BCPL format. Author: Phillip Lindsay FF38

Handshake A full featured VT52/VT100/VT102/VT220 terminal emulator. The author has taken great pains to support the full VT102 spec. Now supports ANSI colors, screen capture and more. V2.12a, binary only, shareware. By Eric Haberfellner FF172, FF60

HandyIcons Adds a menustrip to the WorkBench window that allows you to run selected Workbench Tools by menu selection. Can be set up to provide custom environments. Current version supports only WorkBench Tools and not Projects. Binary. by: Alan Rubright FF148

Hangman A simple hangman program similar to one seen on some UNIX machines. Currently runs only from CLI. Includes source in C. Author: Gary Brant FF299

Hanoi Classical demo program for recursion. Solves the towers of hanoi problem in a workbench window of its own. Author: Ali Ozer FF54

HardCopy A neat little program that creates a hardcopy transcript of any CLI session (like the UNIX 'script' program). Includes source. Author: David Cervone FF75

harp arpegio Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Hash Small example program that computes the AmigaDOS directory hash function. By Neil Katin at Commodore-Amiga FF20

hauntedM One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Hawk A stereo image of a hawk. Requires red/green stereo glasses to view. No documentation, author unknown. FF206

HBHill This animation is one of Kevin's entries to the Badge Killer Demo Contest. It is the first known animation that makes use of the Amiga's 'Extra Half Brite' mode. Author: Kevin Sullivan FF126

Hd Hex dump utility using some ideas from Mike Higgin's article in Computer Language magazine, Apr 86. Formats the dump based on the natural byte ordering of the machine on which it runs. Author: David Elins at NEC Information Systems FF20

HdDriver A complete driver for a WD-1002-05 hard disk controller card. This card can handle 3 hard disks and 4 floppies, but the driver currently only handles one hard disk. Includes source. Author: Alan Kent FF98

HeadClean This program, combined with a fibre cleaning disk, can be used to clean the heads on your disk drives. Source code examples of accessing the Trackdisk device, and using gadgets are included. Standalone image with source code. Shareware. Version 2.0. Author: Phil Burk FF239

Heart3D A program to find left ventricle outlines in the output of an Imatron CT scanner, and display wireframe animations of the beating heart. Includes several sample CT scan outputs. Binary only. Author: Jonathan Harman FF236

Hed A handy little editor that is more user-friendly than 'Ed', yet doesn't require the memorization of complicated keystrokes of some of the larger, more powerful, editors. Binary only. Author: Hal Carter FF164

HeliosMouse Another 'sunmouse' type program. Automatically activates a window simply by moving the mouse pointer into the window. V1.1. Includes source. Author: Davide Cervone FF111

HeliosMouse Another 'sunmouse' type program. Automatically activates a window simply by moving the mouse pointer into the window. Version 1.0, includes source. By: Davide Cervone FF94

hello Demonstrates creation of a simple window, 'hello world'. Posted to usenet by Eric Lavitsky. FF1, AM3, AM4

Helper A little InputEvent hack, activated via the HELP key. Originally meant to provide a unique method of giving the user help (you don't have to put that help stuff into your own program). Now also contains a color requester and a small notepad. Version 1.01, with source. By Michael Balzer FF332

HexCalc Nice little hex/oct/dec/bin calculator and converter. Binary only. Author: Scott Ross FF67

HexDump Modula-2 program to display memory locations in hexadecimal. AM26

hidden One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM1

Hide A small utility to allow you to run old or ill-written applications on systems with expansion RAM. When hide is running, all memory allocations take place in chip memory. Somehow, something like this missed making it onto my earlier disks. Binary only. Author: Francois Rouaix FF85

High Octane Colors: Use dithering in AmigaBASIC to get the appearance of many more colors. Author: Robert D'Asto AC5

hilbert An AmigaBASIC that draws Hilbert curves. AM11

horse whinny Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Horse&Buggy Hanson cab in an IFF picture. AM7

Horses.pic Horses in an IFF picture. AM6

Household Bryan Catley's AmigaBASIC household inventory program. In C source code and documentation. AM19

Hp A nice RPN calculator program that supports calculations with binary, octal, decimal, hex, float, and complex numbers. Other features include 32 registers for storing data and transcendental functions. Version 1.0, includes source By: Steve Bonner FF130

Hp-10c Program that mimics an HP-10c (Hewlett Packard calculator), in TDIModula2. By: Duncan Prindle FF38, AM18

HP11 Emulates an HP11C calculator including the program mode. Features an ON/OFF button that turns the calculator into an icon that will sit and wait until you need it again. This is version 1.1, an update to FF153, and includes a few bug fixes and minor changes. Binary only. By: David Gay FF274, FF153

HPMam A program to manipulate settings and fonts on HP LaserJet+ printers and compatibles. Includes an Intuition interface and some sample picture files. Version 1.0, binary only, shareware. Author: Steve Robb FF153

HR136 An IFF file containing a chart showing every possible mixture of the sixteen basic palette colors. Also included are optimized and monochrome palettes along with several tips and techniques for using them with various paint programs. By Dick Bourne FF182

HuePalette An AmigaBASIC program which explains Hue, Saturation, & Intensity. AM9

HunkPad HunkPad pads an object file out to where it is exactly a multiple of 128 bytes, thus making it immune to having garbage appended on to the end of it by xmodem type file transfer protocols. Version 2, includes source. By J. Hamilton FF92, FF84

HyperBase Nice little shareware database management system. Version 1.6, binary only, source available from authors. Author: Michael MacKenzie, Marc Mengel, and Craig Norborg FF131, FF58

HyperDialer Database for names and addresses, full intuition interface. Dynamically allocated, with configurable script startup file. Iconifies to titlebar icon. Search, sort, insert, delete, full file requesters. Uses modem to control dialing of multiple phone numbers. Binary only, shareware, with source available from author. Author: David Plummer FF367

HyperNet A small hypertext shell program for Amiga, presented with sources and brief documents. It was also submitted by Glenn Everhart, the author. HyperNet allows a 'master' AmigaDos process to control a series of connected processes, where the connections are randomly ordered directed graphs. Permissible 'child' processes available at any stage are governed by the links of the graph. The implementation is mainly instructive, yet usable for tutorials or demonstrations and illustrates the simplicity of hypertext concepts on a multi-tasking system. FF176

Hypno A 'bouncing polygons' type program like Mackie, LineArt, and Bezier. Includes source in C. Author: Markus Schmidt FF297

Hypocycloids An electronic Spirograph inspired by an article in Feb '84 Byte Author: Terry Gintz FF27

IBM2Amiga Fast parallel cable transfers between an IBM and an Amiga C program. AM1

IceFrac A fractal generator using the Diffusion Limited Aggregation algorithm, as described in the book The Beauty of Fractal Images. This is version 2.1 and includes source. Author: Lars Clausen FF303

Icon A high-level programming language with extensive facilities for processing strings and lists. Icon has several novel features, including expressions that may produce sequences of results, goal-directed evaluation that automatically searches for a successful result, and string scanning that allows operations on strings to be formulated at a high conceptual level. Icon resembles SNOBOL4 in its emphasis on high-level string processing and a design philosophy that allows ease of programming and short, concise programs. This is version 7.5 of the public domain implementation of Icon from the University of Arizona. Binary only. Author: Ralph Griswold, Clinton Jeffery, et. al. FF277, FF81

icon.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

Icon2C Reads an icon file and writes out a fragment of C code with the icon data structures, for inclusion in a larger program. Author: Carolyn Scheppner FF56

Icon2C A simple tool to turn any Workbench icon file into 'C' sourcecode, similar to the program of the same name by Carolyn Scheppner on disk number 56. This version has an arp interface and offers support for Kickstart 2.0 icons. Version 1.2, includes source. Author: Olaf Barthel FF377

Iconaholism A selection of some very nice looking icons designed for an 8-color WorkBench. Includes script files to view the icons in their intended colors. Author: R.G.Tambash FF364

IconAssembler This program loads existing WorkBench icon files and allows you to change either the primary or alternate images to another image loaded from an IFF-brush file. Binary only. Author: Stefan Lindahl FF101

IconExec These two tools allow execution of a program from a SetWindow icon without having to recompile the program. Author: John Toebes VIII FF12, AM8

Iconify A subroutine that creates an icon on the Amiga screen that can be subsequently dragged around, and double-clicked on. You can use this to have your programs 'iconify' themselves to temporarily get out of the user's way. Includes source and demo program. Author: Leo Schwab FF126

IconImage Program to replace an old icon image with a new image, without affecting icontype, drawer data, etc. Includes source Author: Denis Green FF120

Iconize Reduces the size of IFF images, companion program, Recolor, remaps the palette colors of one picture to use the palette colors of another. Using these programs and a tool to convert IFF brushes to Workbench icons, make icons look like miniatures of the pictures. AM24

Iconizer A utility program that saves your current mouse pointer to a small icon. You can restore the pointer just by double-clicking on its icon. Allows for building a whole library of pointers and to use them whenever you want. Binary only. By Alex Livshits FF150

IconJ IconJ significantly enhances the IconX program, and is 100% compatible. It allows scripts to be executed by double-clicking the script's icon. Abilities include joining the script with the icon file itself, or calling it from any directory or disk, executing either AmigaDOS or ARexx scripts, outputing to any file or device, running interactive scripts and scripts that contain conditionals, and creating relative console windows. Includes a utility called AtatJ which attaches or detaches a script to/from an icon file. Version 1.0, includes source in JForth. By: Rich Franzen FF321

Iconmaker makes icons for most programs. AM15

Iconmerger Intuition-based program to take any two brush files and merge them into an alternate-image type icon. V2.0, binary only. By Terry Gintz FF182

IconMk Iconmaker builds icons for files that were created without them. Version 1.2a, binary only. Author: Eric Levy FF71

Icons Almost 300 icons in eight (!) colors. Uses a special program to get an eight color workbench to display these icons, which were made with DPaintII and IconGen. Most icons are miniatures of the main screen of their corresponding programs, or the picture they show, made with 'iconize' and 'recolor' from FF85. by: Wolf-Peter Dehnick FF213, FF151, FF124, FF82, FF71, FF67, FF44

Icons A large variety of icons for many uses, of practically every description. Most are animated. By: Bradley W. Schenck FF350

IconTools Here are some tools for icon tricks. Note that these tools are really hacks because they exploit some areas of the .info files that the current version of WorkBench does not clear or reset upon loading the icon. There are three programs here which allow WorkBench drawer windows to appear in non-standard colors and allow you to move the position of the file name text to anywhere in the icon's graphic. Released to the public in the hope that 1.4 will allow more flexible user customization of the WorkBench appearance. Includes source. Author: Stephen Vermeulen FF284

IconType Change the type of an icon after editing with IconEd. Types are Disk, Drawer, Tool, Project, Garbage, and Device. Includes source. Author: Larry Phillips FF69

ID-Handler An AmigaDOS device handler, that generates unique identifiers. Generates a new unique 16 digit decimal number each time it is opened by an application. Version 1.0, includes source. Author: Ed Puckett FF87

IE An icon editor which can create and modify icons up to 640x200 pixels in size (also dual render). It can set stack size, position of icon (also free-floating), default tool, 10 tool types and control over opened window. It can also generate the C source code behind the icon for program inclusion. Now reads/writes IFF files and handles 4 or 8 colour icons. Version 2.0, update to version on disk number 342, source available from author. Author: Peter Kiem FF377, FF342

IFF Routines to read and write IFF format files. Includes program to display IFF files made by DPaint. Also see the DPSlide program on disk 11. By Jerry Morrison, Steve Shaw, and Steve Hayes FF10

IFF A program which converts sampled sound files from the Instruments dealer demo disks to IFF sampled sound files in a FORM 8SVX Author: Bobby Deen FF43

IFF pictures parodies of the covers of Amiga World and Amazing Computing magazines. AM16

IFF specs This disk contains a number of files describing the IFF specification. These are not the latest and greatest files, but remain here for historical purposes. They include text files and C source examples. The latest IFF spec is elsewhere in this library. AM5

Iff2C Another IFF ILBM to C converter. Two unique features are the ability to generate comments representing the actual image, and the planepick computation. V 0.30 with source. Author: Gauthier Groult and Jean Michel Forgeas FF316

Iff2Ex A program to convert IFF pictures to an executable. It can handle NTSC/PAL, interlace and overscan. Version 1.0, binary only. Author: Pieter van Leuven FF331

Iff2Pcs An interactive puzzle program that takes any IFF file containing up to 16 colors, and breaks it up into squares to make a puzzle which the user can then piece back together again. Version 1.1 includes source. Author: Ali Ozer FF136, FF122

Iff2Ps A program to convert any IFF file to postscript for printing or viewing on a postscript compatible device Version 1.2, binary only. Author: William Mason and Sam Paolucci FF94

Iff2Sun A small utility for those of you who may have access to a Sun workstation. Takes an Amiga IFF file and converts it to a Sun rasterfile format. Update to FF174, with better parsing, support for HAM mode, and some bug fixes. Source only, as the program needs to be re-compiled and run from a Sun. Authors: Steve Berry, Mark Thompson FF223, FF174

Iffar Maintains archives of Interchange File Format (IFF) FORM, AT and LIST files in a manner that complies with the IFF CAT specification. Version 1.2, with source. By Karl Lehenbauer FF162

IFFBrush2BOB by Mike Swinger. AM14

IffDump Two programs for manipulating IFF files. IFFENCODE grabs an active screen and writes it to a file in IFF format. IFFDUMP decodes information in arbitrary IFF files and prints it in a human readable form. Author: Matt Dillon FF38

Freely Redistributable Software

IffLib A ready-to-use library to perform various manipulations on IFF files. Includes a sample IFF viewer and a utility to save the front screen as an IFF file. This is version 16.1, an update to version 15.3 on disk 173, and includes a couple of bug fixes and some new features. Binary only. Author: Christian A. Weber FF301, FF173

IFFM2 Demo version of an IFF support module for Interface Technologies M2Amiga Modula-2 system. Includes a version of View1LBM (with source) that uses the IFF support routines. V1.0.0D, binary only. Author: Gregory Epley FF221

IFFtoSUN This program takes a standard IFF format image and translates it into a SUN rasterfile format, like the Iff2Sun program also on this disk. However, this one runs on the Amiga. V1.31, includes source. Author: Richard Frost FF223

Ifs An Iterated Function System viewer which graphically displays iterated function systems and allows the user to interactively create the affine functions that define such systems. An IFS can represent complex pictures very compactly. Simple IFSs can describe an infinite number of different and interesting fractal displays. Includes a number of displays that the author and others have discovered. Version 1.5, includes source in C. Author: Glen Fullmer FF321

ILBM2C Very useful utility for C-programmers. Reads in a standard IFF ILBM file and outputs a file to be included in your program. Source plus a sample program. By Tim Kemp FF173

ILBMLib Contains updated files for the dissidents ilbm.library on FF237, with new lib features and a new library. Also included is a much improved (better organized) doc file, and new C examples that show how to use the library for any kind of IFF file. See FF237 for other examples. Author: Dissidents Software, Jeff Glatt. FF348, FF237

Image-Ed An icon editor that allows you to draw and edit images up to 150 by 90, in up to 16 colors. Allows freehand drawing, empty or filled rectangles, ellipses, and triangles, lines curves, and polygons, copy, flip about x or y axis, stretching and condensing, flood fill and complement, text with selection and loading of font style, undo, magnified and normal sized images, and two active drawing screens at once. V2.2. Binary only, source available from author. By Jonathan Potter FF242, FF211, FF204, AM4

ImageEditor A simple to use graphics editor which allows you to draw and save images/sprites as assembler or C source code. Includes IFF support, undo, and an iconify function. Another feature is the small memory usage so you can use multitasking even on a 512K machine. Maximum picture size is 166*58 pixels. This is version 2.4 and includes source. Author: Robert Junghans FF355

ImageLab A program which performs image processing on IFF pictures. Includes standard image processing functions such as convolution, averaging, smoothing, enhancement, histograms, FFT's, etc. Also includes file conversion functions, a clipboard, and other useful functions. V 2.2, binary. By Gary Milliorn FF243

images Miscellaneous DPaint and digitized pictures, in IFF format. Some are rated R. FF12

ImageTools A set of shareware tools, submitted by the author, to do various manipulations on IFF images, including comparison of the color palettes of a pair of IFF images, filtering an IFF image in various ways, producing a color usage frequency chart for an IFF image, reducing the size of an IFF image to produce a miniature to use as an icon, converting an icon to an IFF image, and recoloring an IFF image using the palette of a second image, in a least squared error fashion. Shareware, binary only. Author: Stephen Vermeulen FF85

IMandelVroom A slightly modified version of Kevin Clague's mandelbrot program (on FF78) that uses his 'ring detector' to draw an approximation of the interior strange attractor contours. Binary only (with patches for original source). Author: Kevin Clague, enhancements by Howard Hull FF90

ImLate The White rabbit in HiRES color FF72

Imperium_Romanum Strategic, RISK style game for up to four players. Based in the ancient times of Rome, Athens, Alexandria and Carthago. Binary only, shareware ($10), with C source available from the author. Version 1.50E. Author: Roland Richter FF362

Improving Graphics: Improve the way your program looks no matter what screen it opens on. In C. Authro: Richard Martin AC5

Incr Incr will easily allow the user to keep a total count of any event run from a batch file. Incr will take a number from a file, increment it by one and display the result. The new count is written back to the file. Version 1.04b, includes source. Author: George Kerber FF311

IncRev A handy little program that will automatically increment the revision number of a program every time it is recompiled. Binary only. Author: Bryan Ford FF161

Indent This is version 1.1 of GNU Indent, a C source code formatter/indenter. Especially useful for cleaning up inconsistently indented code. Includes source. Authors: Developed by the University of California, Berkeley, the University of Illinois, Urbana, and Sun Microsystems, Inc. GNU version by Jim Kingdon, Amiga port by Dan Riley. FF262

Info Replacement for the AmigaDOS info command. Includes source. Author: Chuck McManis FF79

Ing The next step in the 'boing wars'. Turns a nice screenful of little windows into a screen of lots of bouncing little windows. Cute! Author: Leo 'Bols Ewhac' Schwab FF54

input.dev In combination with hander.interface.asm (supplied), lets a user trap keyboard or mouse events before they get to Intuition and if desired, install new (phony/ generated /other-devices-mouse-simulations) into the input stream. Handler.interface.asm is needed to convert the calling sequence performed by the input.task for the input stream management into something that a C program can understand. By Rob Peck 12/1/85 FF5, AM4

inputdev.txt Preliminary copy of the input device chapter. C program. AM4

Inputhandler Example of making an input handler. AM16

Insta Sound: Tapping the Amiga's sound from AmigaBASIC using the Wave command. Author: Greg Stringfellow AC3

Install Drivers A document describing the installation process for printer drivers. AM9

InstallLibs A program to copy files to the LIBS: dir of a boot disk. Can be used to create a handy installation program (hard disks especially) for programs that need disk-based libraries. Includes source. By: Dissidents Software FF348

Install Two Possible replacement versions of the standard install program (to make a disk bootable). Includes source. Author: Bryce Nesbitt and Scott Turner FF87

InstallBeep This program replaces the DisplayBeep function so that an IFF 8SVX sound is played instead of the screen flashing. The PlayBeep function runs as a task in the background and runs asynchronously so the length of the sound does not slow anything down. Includes a couple of sample sound files. Version 1.1, binary only. Author: Tim Friest and Don Withey FF217

Instruments A collection of 25 instruments (from Cannon to Marimba) for playing and creating music. AM23

IntuiDOS IntuiDOS is a program to give improved control over, and handling of, the material on all diskettes in the 'CLI-arca' by employing a multi-disk, scrollable directory and using Intuition techniques to issue DOS commands. Written in assembler. Binary only. Author: Lennart Sandin FF103

IntuiFace An intuition interface that handles the important functions of creating, inserting, extracting and listing files for three popular archiving utilities: ARC, ZOO and LHARC. Version 1.00, binary only, shareware. Author: Matthias Zepf FF366

IntuiSup A shared library which implements extensions to the Amiga operating system and graphical environment. Includes several example programs that make use of the library, including building a nifty file requester from the library's user interface routines. Version 1.15, binary only. Source available from author. By: Gauthier Groult FF316

Intuition demo An Intuition demo, in full C source, including files: demomenu.c, demomenu2.c, demoreq.c, getascii.c, idemo.c, idemo.guide, idemo.make, idemoall.h, nodos.c, and txwrite.c AM4

intuition.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

IntuitionEd Intuition based utility that creates C source code for screen, window, border and text structures. IntuitionEd can also write the code for several functions required for the opening and closing of these structures. The code can then be compiled by either Manx and Lattice. Shareware donation to the author will receive an enhanced version capable of writing gadget structures as well. Version 1.0, binary only, several samples included. Author: Niels Thorwirth FF377

IPC An IPC (Inter-Process Communication) package, with the goal of creating a standard for IPC on the Amiga that is flexible enough to handle the widest possible range of applications. The protocol used addresses different problem areas than ARexx, and emphasizes different aspects of the communication process, such as fast communication and preservation of data structure. Includes source. Author: Pete Goodeve and Peter da Silva FF290

IPDevice Pipes for Power People. A pipe-like DOS device that passes data immediately rather than waiting until a buffer is full. It also allows multiple writers to a single channel, maintained connections, and piped connections to a Shell. Binary only. Author: Pete Goodeve FF374

IPo2C A utility to write a C-language definition of the current intuition pointer to a file, which can then be used in a program via SetPointer to mimic the intuition pointer. Includes source Author: Alex Livshits FF105

IRA Allows easy calculation of future values of investment. Enter the beginning investment value, annual percentage rate, annual deposit amount, and number of years, to compute the future value. Version 2.0, includes source. Author: Joel Swank FF304

Isam A library of routines to access relational data base systems using the Index Sequential Access Method (ISAM). This is beta version 0.9, binary only. Author: Kai Oliver Ploog FF203

ISpell A quick and dirty port of a UNIX version of a freely distributable screen oriented, interactive, spelling checker. I use the UNIX version daily and it is very nice. You will need expansion RAM to run this with the supplied dictionary, as it loads the entire 300K hashed dictionary into memory. A hard disk is also recommended. Author: Pace Willisson FF54

Ist68010 Text guide to installing a 68010 in your Amiga. AM9

Itb This program converts an icon to an IFF picture (brush) file. It handles both single and alternate image (animated) icons. This is version 1.10 which adds a colour palette to the previous version from disk 85. Version 1.10, binary only. Author: Stephen Vermeulen. FF326

JAR A shareware game (Jump And Run) using 3-D graphics. Your task is to collect the blue pills lying on the floors and steps, not to fall down or off the steps, and to avoid several monsters wandering about. You can collect various sorts of weapons to use against the monsters. Version 1.0, binary only, source available from author. Author: Andreas Ehrentraut FF242

Jask An intuition-based replacement for the ASK command. Will bring up a requester with a message and boolean yes/no type gadgets. Version 1.0, includes source. By John Barshinger FF177

JayMinerSlides These are the Amiga slides produced/used by Jay Miner (the designer of Amiga's custom graphics chips) in his talks about the Amiga. They are all hi-res (640 x 400) and are best displayed on a long-persistence color monitor FF19

JazzBench A drop-in multitasking replacement for WorkBench. It has more features that WorkBench and is fully multitasking (no more waiting for ZZZ clouds). It allows you to extend it, add your own menus, key shortcuts, etc. This is alpha version 0.8, binary only. Author: David Navas FF228

JeansIcons Miscellaneous cute icons created for AMUC's monthly newsletter disk. Submitted by Stephen Vermeulen. Author: Steve Jeans FF137

Jed A nicely done, intuition-based editor that is quite user-friendly. Features word-wrap, auto-indent, newcli, alt buffer, split-window, keyboard macro, help, printing, and more. V1.1. Shareware, binary only. Author: Dan Burris FF297, FF180

Jimmy Disney's Jimmy The Cricketin HiRES color FF72

Jive program which transforms its standard input to 'jive' on its standard output .Author: Unknown FF46

Jobs An alternate user interface to WorkBench or CLI. Version 2.1, binary only. Author: John Sawaya FF70

join One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Journal Journal is a program that records a sequence of mouse and keyboard events as they occur and stores them in a file. The file can be played back with another program, also supplied, which causes the same sequence of events to occur again. Very useful for creating demonstrations of programs or documenting repeatable bugs. V1.0, binary only. By Davide Cervone FF95

JoyLib Both a linktime version and a shared library of Joystick routines featuring a technique which proves to be extremely fast on 68010 or higher processors, and still faster than most of the other routines on standard processors. Includes source for library in Assembler and the demonstration program in C. Author: Oliver Wagner FF378

joystick Shows how to set up the gameport device as a joystick. Reports parameters received from joystick hooked to right port. Author: Rob Peck FF5, AM4

Jpad One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM1

JPClock A short clock program that is just packed with features. This is version 1.2, an update to version on disk 204. Includes source. by: Jonathan Potter FF242, FF204

JPDirUtil A directory-utilities type program with many built-in commands, and 16 customisable gadgets. User configurable in many ways. Can be iconified to Workbench screen. This is version 1.11, binary only. Author: Jonathan Potter FF287

Jsh A simple command line interpreter drawing on features from the BSD C shell. Author: Jim Kent FF38

JTime Detailed instructions, including schematics in IFF format, for building and installing a battery backed up real-time clock. The clock goes on the joystick port (aka mouse port 2). Author: Michael Keryan FF65

Juggler Stunning animation of a robot juggler with ray traced reflective spheres. Uses HAM mode display and sound effects to boot! Version 1.2. Binary. By Eric Graham FF97, FF47, AM16

Jumble A quick 'brute force' program for solving for anagrams. Not very elegant, but gets the job done. Includes source. Author: Mike Groshart FF262

JustBeeps Simple example of using Audio and Timer devices. Plays a series of beeps whose pitches are based on a just intoned tuning system. Standalone image with source code. By: Phil Burk FF239

K1_Editor An editor for the Kawai K1(m) synthesizer with two auxiliary programs for managing sound dumps. V 1.00, shareware, includes source. Author: Michael Balzer FF332

Keep A nice little utility program with an intuition interface for BBS and network junkies who download messages in one large file and then read them off-line. Using only the mouse, you can drive through such files a message at a time, examine each at your leisure and tag those you wish to keep. V1.2, binary only, but source available with donation to author. By Tim Grantham FF149, AM25

kermit This is an absolutely ancient kermit, who's only saving grace is it is small and quite portable. On the AMIGA, there is no connect mode, only send and receive. You must log into the remote machine via one of its local terminals and point its kermit at the appropriate serial line connected to the AMIGA. Author: Unknown, but it is so hacked up it doesn't matter. FF4, AM3

keybd.c Direct keyboard reading. C program. AM4

KeyBird BASIC prog edits keymaps, adjust the Workbench keymaps or create your own. AM25

KeyBiz This little hack will make you think you have mice scurrying around in the back of your computer. Includes source. Author: Mark Schretlen FF274

Keyboard Functions to translate RAWKEY Intuition messages into usable keycodes. Translation into Modula-2 of C source (by Fabbian G. Dufoe, III) on disk 291. Version 1.0. Includes source. Author: Fabbian G. Dufoe III, Peter Graham Evans FF344, FF291, FF5

KeyCodes Shows keycodes for a key you press in ABasiC. AM1

KeyFiler A BBS message file sorter that allows sorting by keyword. Includes a textreader, Soundex matching, and limited wildcard capabilities. V1.0, Binary only. By John Motsinger FF157

KeyLock Freezes the keyboard and mouse until the correct password is typed. Protection against inquisitive kids, cats, and other lifeforms. Binary only. Author: Andry Rachmat FF81

KeyMac A keyboard macro processor that allows you to record keystrokes and then play them back. V0.1,Source in Modula-II. Author: Fridtjof Siebert FF253

KeyMacro A keyboard macro program, configurable via a text file, that also supports hotkey program execution. You can map up to eight functions to each key, including keys such as cursor keys, the return key, etc. Version 1.4, an update to version 1.0 on disk 325, which fixes the bugs in version 1.0. Includes source in 'C'. Author: Olaf Barthel FF354, FF325

KeyMapEd Allows you to change the KeyMaps used with SetMap. This is a full featured editor providing support for normal, string and dead keys. The keyboard represented is from an A3000/A2000/A500 but it is fully compatible with A1000 keyboards. This is version 1.1i, an update to version 1.02 on disk number 193, binary only. Author: Tim Friest FF388, FF193

KeyMenu Allows fast, easy access to pull-down menus from the keyboard without having to remember all the special amiga key sequences Version 1.01, binary only. Author: Rainer Salamon FF362

Kick Another screen hack, specifically for A500/A2000 owners. I don't want to spoil any surprises but reportedly causes some machines to crash. Binary only. Author: Tony Solomon, Paul Fortin FF389

KickBench Instructions and programs for creating and using a combined KickStart and WorkBench disk, so only one disk is needed to reboot. Allows the system to reboot unattended after a power failure. Requires disked from developer's disk Author: Alonzo Gariepy FF36

kickdrum Sound demonstration icon-driven part of a set on AMICUS 10 AM10

KickFont For A-1000 owners, will permanently replace the topaz font on the kickstart disk with a font called 'look'. Includes a sample in the form of an IFF picture. V3.0, binary only. Also included is Benjamin Fuller's freely redistributable 'SumKick' program. By Greg Browne FF179

KickMem A program for A1000 hardware hackers that have done the Amazing Computing 512K upgrade. KickMem will patch your 1.2 or 1.3 kickstart disk to perform addmem during kickstart. This allows warm

boot surviveability of ram disk devices and eliminates addmem commands from your startup sequence. V2.0, includes source. Author: Dave Williams FF224

Kill Removes a task and as much of its resources as possible. Can close windows, unload process code, etc. Includes source. Author: George Musser FF79

Kill.fastdir Speed up directory access, it creates a small file in each directory on a disk which contains the information about the files, will also remove all the "fastdir" files from each directory. By CLImate's authors. AM25

Killer Killer is an incredible demo written by Robert Wilt. It won fourth place in the Badge Killer Demo Contest. Requires at least one meg of memory to run. Sound is also an important part of the demo so be sure to turn it up. Binary only. By Robert Wilt FF115

KillReq A small program which disables Intuition's AutoRequest function. In particular, this prevents AmigaDOS from putting up system requesters, which is useful if you are operating your Amiga remotely and can't use the mouse to click CANCEL. Unlike similar utilities which affect only a single CLI, KillReq disables ALL requesters. V1.0 and includes C source. By Eddy Carroll FF290

KingTut King Tut in an IFF picture. AM6

Klide This line art demo is Jerry's entry to the 1989 BADGE Killer Demo Contest, where it won 4th place. Klide uses line mode blitter code which is capable of rendering short vectors at a rate up to 15,000 lines/second. Binary only. By Jerry Kallaus FF268

Klock A menu-bar clock and date display. Executable AM9

Kryptor A small, simple and comfortable file encoder/decoder. Version 1.0, with source. By Michael Balzer FF332

KwikBackUp A harddisk backup program that writes data track by track onto multiple floppy disks. Uses the archive bit, saves and restores comments and protection flags, and skips over bad spots during restore. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF234

KwikCopy A quick but nasty disk copy program: It ignores errors. Executable program. AM8

L is a replacement for the BCPL 'list' program, but with some graphics enhancements. FF105

Label Simple program to print labels with arbitrary text. Version 1.3, binary only, but source available from author. Author: Mike Hansen FF96

LabelPrint A program that allows you to easily print labels for your disks. This is version 3.0, an update to version 2.5 from disk 238. Shareware, binary only (source available from author). By: Andreas Krebs FF277, FF246, FF238, FF210

LabelPrint3.5 A program that allows you to easily print labels for your disks. This is version 3.5, an update to version 3.0 from FF277. Shareware, binary only (source available from author). Author: Andreas Krebs FF363

Labels Alphabetic and numeric ordered cross reference lists of defined system constants. Recommended for debugging purposes only, use the symbolic values in programs! Author: Olaf Seibert FF111

LabyrinthII A shareware role-playing text adventure game similar in operation to the Infocom text adventures. Includes source. Author: Russell Wallace FF162, AC5

LaceWB The LaceWB program changes between interlace and non-interlace Workbench. Previously, you were forced to reboot after changing Preferences to an interlaced screen. This program flips between the normal and extended screen heights. AM25

Larn This disk contains a port of the popular UNIX game 'Larn', done by Edmund Burnette and the crew at the Software Distillery. This is version 12.0B. I have copied all the files to a freshly formatted disk, to create the master distribution disk, using a command of the form 'copy df0: to df1: all'. This insures that disk fragmentation is kept to a minimum, but also has the unfortunate side-effect that all the file dates are changed. Note that this disk must be named 'Larn'. I have elected to keep that name, rather than using the usual 'AmigaLibDiskXX' convention for disks in my library, to avoid requiring users to rename the disk before using it. Also note that, as distributed, this disk is only about 40% full. Normally I try to fill my library disks to about 90-95% full, but these 'packaged' disks are special.-Fred FF63

LaserBoing This ray-traced animation with sound is Mike's entry to the 1989 BADGE Killer Demo Contest. This 'Amiga Boing' ball is just loaded with energy! Binary only. By: Mike van der Sommen FF271

Lat3.03bugs Text file lists bugs of Lattice C version 3.03. AM8

latffp Shows how to access the Motorola Fast Floating Point library from Lattice C. Also demonstrates the tremendous speedup obtained Author: Larry Hildenbrand FF1

LatticeMain Text file tips on fixing _main.c in Lattice. AM8

LatticeXref A cross reference listing of all symbols defined in the Lattice 3.10 header files. Sorted alphabetically by symbol string, includes file name and line number of all references and/or definitions. Author: Fred Fish FF41

Launch Sample program showing how you can load and execute a program in the workbench environment, then return to the CLI. Includes source. By Peter da Silva FF179

Lav A 'title bar type' program that displays the number of tasks in the Amiga's run queue, averaged over the last minute, 5 minutes, and 15 minutes. Presumably inspired by, and named after, the BSD 'load average' program. By William Rucklidge FF54

layers Shows use of the layers library, used by Intuition to create windows (layers handles all overlapping drawing areas and keeps things straight, sending to the back, bringing to the front, making larger/smaller, etc.) Author: Rob Peck FF5

layers.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

layertes.c Layers examples. C program. AM4

LBM2Image Takes an IFF picture and generates a C source module which can be compiled and linked with your program to display the picture with the intuition DrawImage function. Binary only. by: Denis Green FF190

ld I presume this stands for 'list directory'. Lists contents of specified directory or disk, using inverse video and colors to group objects by type. Author: Dave Haynie FF10

ld4 Another directory listing program using some graphics style output. Executable only, no source available. (Downloaded from a Denver BBS) Author: unknown FF12

LedClock An extremely simple clock program, for interlaced screens only. Includes source. Author: Ali Ozer FF128

LeftyMouse Swaps the functions of the left and right mouse buttons so that Lefties can use the mouse with their left hands. Includes source. Author: Rob Eisenhuth FF229

Legends Fantasy Characters in HiRES color FF72

Leggo My LOGO: A Logo program that generates a Christmas tree with decorations. Author: Mike Morrison. AC7

Lemacs Microemacs version 3.6 as enhanced and supported by Daniel Lawrence. This version works and has been tested on UNIX V7, BSD 4.2, Amiga, MS-DOS, and VMS. Enhancements include overwrite mode, support for Amiga function keys, reverse video status line, numeric arguments using <ESC><number>, replace, buffer specific editing modes, word wrap mode, goto-line, buffer rename, insert-file, execute named command, describe bindings, startup files, and more. Author: Dave Conroy, enhancements by Daniel Lawrence FF22

Lens This program magnifies a small area surrounding the pointer and displays it in a separate window. Version 1.0, binary only Author: Ned Konz FF70

Less Like UNIX 'more', only better, with forward and backward scrolling, searching and positioning by percent of file and line number, etc. Now lets you also print the current file. Very useful! This is Amiga version 1.3, an update to the version on FF92. Includes source. Author: Mark Nudelman, Amiga port by Bob Leivian FF149, FF92, FF74, FF34

Lex A program (not to be confused with the UNIX lex program which is a lexical analyzer generator) which computes various readability metrics for text files. Computes Gunning-Fog, Flesh, and Kincaid indices. Author: Jeff Sullivan FF36

Lexical Analyzes a text file and gives the Gunning-Fog, Flesch, and Kincaid indices which measure readability. AM26

LGZ A Map generator/editor for the LGZ game. Not extremely useful if you don't happen to play that game, but good source example of intuition interfacing. Vesion 0.1. Authors: Lars and Henrik Clausen FF161

LHArc An archive program like Arc and Zoo, with a heavy emphasis maximum compression for minimum archive size, using LZHUF compression. This is version 1.21, an update to version 1.10 on disk 312. Binary only. Author: Paolo Zibetti FF383, FF312, FF289

LhArcA An intuitionized and faster version of lharc for the Amiga. Requires ARP library. Version 0.99a, binary only. By Haruyasu Yoshizaki, Amiga version by Stefan Boberg FF331

Lhwarp A program which will read tracks directly from your floppy disk, compress them using adaptive huffman encoding, and output them to a file. The resulting file can be used by lhwarp to reconstruct an

image of the original disk. This is version 1.20. New features include much faster compression/decompression, a 32-bit CRC, and two additional compression methods. Binary only. Author: Jonathan Forbes FF305, FF245

LibDir This program lists hunks in an object file. Executable program and documentation. AM8

Library Demo version of a shareware program that stores textual information without regard to structure or content, and allows complicated searching for specific patterns. Written in assembler for speed, binary only. Author: Bill Brownson FF134

Library HiRES BW picture of an traditional structure FF72

LibraryKiller A small utility that allows you to remove libraries that aren't used any more. Version 1.0, includes source in assembly. Author: Roger Fischlin FF383

LIBREF Utility for generating run-time library link library assembly files, lvo.asm, and the run-time library's vector list. Currently very Aztec in terms of what it generates. FF168 & 169

LIBS V1.00 List libraries/devices in ram or attempt to remove libraries. FF168 & 169

License License information on Workbench distribution. AM4

Life Another version of Tomas's Life game. Includes a torus option, an option to perform calculations with the processor rather than the blitter, and more. This is version 5.0 and is about 15% faster. Includes source. By: Tomas Rokicki FF316, FF306, FF131, FF31, AM9

Life-3D A 3D version of the classic cellular-automaton game. Shareware, author suggests $20 donation. Version 1.2, binary only. Author: Bob Benedict FF70, AM18

LifeCycles Some sort of biorhythm type program. No docs included. V2.0, binary only. By: Michal Todorovic FF325

Light A version of the Tron light-cycle video game. AM15

Lighthouse A lighthouse in an IFF picture. AM6

Lila A shareware utility that allows you to print listings or other text files on Postscript printers, with header, page numbers, and multicolumn pages. Can print in portrait or landscape orientation. Version 8912a, binary only. Author: Bertrand Gros FF368

LineDrawer Makes a line drawing based on drawing commands stored in a text file with a demo that draws an outline map of the USA and state borders. V1.0, with source By John Olsen FF96

Lines A color line pattern generator, adapted from Mackie. Version 1.1, includes source. Author: Joel Swank FF304

Lines A line drawing demo program, reminiscent of the 'sparks' program on disk #9. Author: Paul Jatkowski FF41

LinesDemo A demo program which illustrates the use of proportional gadgets to scroll around in a superbitmap window. Posted to usenet by Barry Whitebook @ Commodore-Amiga MemExpansion Schematics and directions for building your own home brew 1 Mb memory expansion. By: Michael Fellinger FF27

LinkSound Two examples of functions that you can link with your own code to produce a short musical "beep" or a sound that is similar to striking a drum. Includes source. Author: Dieter Bruns FF323

Linstrom Some miscellaneous small programs from the Linstrom family. Includes some basic games, some programs based on algorithms from the Computer Recreations column in Scientific American (demon, turmites, mountain), and a fish tank simulator. Includes source. Author: Lloyd Linstrom and family FF251

List INSTR Program to list the instruments DMCS will not load as well as list the origins for any instrument. AM23

ListScanner A nice little utility to display all the Exec lists. Somewhat like the Xplor utility from FF 73. Includes source in assembler. Author: Heiko Rath FF139

ListWindow Gives simple initialization, handling, and freeing of Macintosh-like list-windows. These are user-sizeable windows with a scrollable list of text strings, optionally sortable. The list can be scrolled with a scroll-bar, up and down arrows, arrow keys, or a SHIFT+key combination which searches for the first occurance of the specified key. Source and a sample program included. Author: Paul Thomas Miller FF368

Lit Lit filters a file to stdout, showing all characters in an unambiguous format. Printable characters are printed as is, non-printable characters are printed in any of three representation formats. Version 2.0, includes source. By: Donald Irving FF73

Little Smalltalk It is a port of Timothy Budd's Little Smalltalk system, done by Bill Kinnersley at Washington State University. I filtered all the text files in the sources, docs, and examples directories through a program to remove extraneous CR (^M) characters from the end of each line. This also makes the files conform to standard Amiga and UNIX line delimiter conventions. I hope this didn't break anything else in the process. I have added the file sources/Makefile to help people who want to recompile the sources. It uses my cc frontend. I was able to compile and link an executable that was almost the same size as the one Bill provided (100 bytes smaller) using Manx 3.20B in 16-bit int mode, but it aborted immediately with an error message, so beware.-Fred. FF37

LLSort Replacement for the AmigaDOS SORT command. Pure bit set and may be made resident. Features COLSTART and FIELDS parameters and sorts in either ascending/descending order. Also sorts with or without case sensitivity. Binary only. Author: Les Leist FF379

Lmv This shareware program, submitted by the author, is called 'Long Movie'. It loads up to 100 IFF graphics files and displays them in forward or reverse order, at up to 19 frames per second, to create computer animations for VCR recording. Binary only, source available from author. Author: Jim Webster FF73

LoadImage An IFF ILBM reader that accepts overscanned pictures, allows you to scroll around in the bitmap if the picture is larger than the current display, works on both PAL and NTSC machines, supports color cycling using interrupt code, and supports printing of image portions. Version 1.11, update to version 1.9 on FF281, includes source. Author: Olaf Barthel FF355, FF281

LoadIt prog to load a file into memory until a reboot. (Only the most esoteric hackers will find LoadIt useful.) AM24

LoanCalc Entirely keyboard driven mortgage utility. Although similiar programs exist, this one is unique in that it is designed to track 'Open' mortgages that allow any size payment to be made at any time as well as providing an amortization table for fixed mortgages with monthly, semi-monthly, bi-weekly and weekly payment schedules. Version 1.2, binary only. Author: Robert Bromley FF366

LockDevice A package to protect filing devices from being accidentally formatted. Can be used with any filing device and file system. Version 1.0, includes source. Author: Olaf Barthel FF371

LockMon Find file locks. Useful for discovering if programs properly clean up after themselves. Author: Dewi Williams FF19

Logo A logo interpreter, with user interface like the Apple II logo. Shareware, author suggests $5 donation. Author: Gerald Owens FF70, AM18

LollypopLady Famous Lady with lollypop picture which caused so many people to purchase the Amiga for its graphics. An IFF picture. AM7

LookFor A general 'find that file' utility which is handy for hard drives, multiple drives, and multilayered paths. Includes source. Author: Mark Schretlen FF274

Lotto Lotto is designed to replace your user group's old shoebox full of membership numbers and names and add some pizzaz to the process of drawing for doorprizes at club meetings. Includes source. Author: Mike Groshart FF262

LowMem Another fine freely redistributable product from ASDG. This one is a low memory server, which is a compact shared library which allows arbitrary processes to register their desire to be notified of impending memory shortages. This allows good citizen programs to free up memory that they may not need, so other programs can use it. Binary only. By Perry Kivolowitz FF85

loz One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

LPatch Patch for programs, such as 'Atom', with bad 1.0 Lstartup code, which abort during startup under 1.2 with 00038007 alert (can't open DOS library). Includes source. Author: Carolyn Scheppner FF61

LPE LaTeX Picture Editor is a graphical editor for producing 'pictures' for the LaTeX system, which may be imported by LaTeX. You can draw boxes, dashed boxes, lines, vectors, circles, boxes with centered text, and plain text. This is version 1.1, an update to version 1.0 on disk 243, and includes some new drawing tools, enhanced user interface features, optimized code, and some bug fixes. Binary only. Author: Joerg Geissler FF277, FF243

ls Version 3.1 of the popular UNIX style directory lister. This is an update to version 2.0 from disk 178, and includes some bug fixes, support for multiple wildcard pathnames, quicker sorting, a best-fit output, new output width and height options, and some other new features. Includes source. Author: Justin V. McCormick. FF236, FF178

ls Minimal Implementation of UNIX ls. Demonstrates use of UNIX style file name pattern matching code. Author: Rick Schaeffer FF10

LVR Link Virus Remover. A program that recursively searches directories for link viruses in executable files. This is version 1.20, binary only. By: Pieter van Leuven FF331

FREELY REDISTRIBUTABLE SOFTWARE

M2Amiga Demo version of the final product M2Amiga. A fast single pass Modula-2 compiler with editor, linker, a small set of interface and standard libraries. Compiles only small demo programs by limiting codesize and imports. Further development of the ETHZ compiler on FF24. Binary only. Demos with source. By R. Degen, C. Nieder, M. Schaub, J. Straube (AMSoft) FF113

M2Error M2error can be used to display compile errors produced by the TDI Modula-2 compiler, like the m2error supplied by TDI. Includes source. Author: Richie Bielak FF79

M4 A UNIX M4 look-alike macro processor intended as a front end for Ratfor, Pascal, and other languages that do not have a built-in macro processing capability. Pd M4 reads standard input, the processed text is written on the standard output. By Ozan S. Yigit (oz) FF160

MacFont A conversion tool to convert Mac fonts to Amiga fonts. Binary only. Author: John O'Neill and Rico Mariani FF138

MachII A 'mouse accelerator' program that also includes hotkeys, the features of sun mouse, clicktofront, popcli, title bar clock with a bbs online charge accumulator, and more. This is version 2.6, an update to version 2.4c on FF163. Binary only. Author: Brian Moats FF254, FF163, FF130

MachIII A mouse accelerator program that also includes hotkeys, the features of sun mouse, clicktofront, popcli, title bar clock with a bbs online charge accumulator, Arexx support and much more. This is version 3.0, an update to version 2.6 on FF254. Binary only. Author: Brian Moats and Polyglot software FF378

Machine A neat new animation from Allen Hastings. Author: Allen Hastings FF109

Mackie A versatile cli/macro-key initiator based on POPCLI with a unique method of screen-blanking. I won't say more, just try it! This is version 1.4. Includes fixes to work with latest WShell and the new 'never' keyword. Includes source. Author: Tomas Rokicki FF305,FF267, FF189, FF187, FF161, FF130

macros.i Assembler include files. AM5

MacView Allows viewing of standard MacPaint picture files in either Amiga low resolution (320 x 200) or high resolution (640 x400). Executable, sample pictures, and icons (version on disk 32 did not include pictures). Author: Scott Evernden FF35, FF32

madlib A mad lib story generator in AmigaBASIC. AM11

Magnetic_Pages A software package that allows you to create and display a disk-based magazine. The magazine produced is of a similar format to that of a traditional paper magazine. You can combine text and graphics on a single page, branch to different sections by clicking on icons and play sound and music. Features a full intuition driven interface. Version 1.0, shareware, binary only. Author: Mark Gladding. FF372

Mailchk A mail client for Dnet, which will inform you of any new mail and will give the choice of viewing, deleting, or printing a message. Version 2.01, includes source. Author: Stephane Laroche FF324

mailtalk A talking mailing list program in AmigaBASIC. AM11

Make A simple 'make' programming utility, C program in C source code and executable. AM2

make Subset of 'UNIX' make command. Useful, but does not have many of the features of the full make, much less the newer 'augmented make' Author: Landon Dyer FF2

Make Another version of make that seems to be more complete than many other PD makes. Author: Unknown, downloaded from the Software Distillery FF45

Make Public domain make from mod.sources, Volume 7, number 91. It has been cleaned up, Manx'ified, and some new features added, by Steve Walton. Includes source. Author: 'caret@fairlight.OZ' FF69

make2 Another make subset command. By Marc Mengel FF2

MakeIcon This program will make an icon (.info file) using image data from either another icon, or an IFF picture file. The image data is drawn on the screen so you can see exactly what your icon will look like. You can also go the other way, and make IFF files from icons, which can then be loaded into a standard IFF graphics editor. Version 1.1, binary only, source available from author. Author: Paul Blum FF255

Makemake Reads C source files and constructs a vanilla makefile in the current directory. Includes source. By Tim McGrathm FF74

Makewords PhoneWord takes a full or partial telephone number and attempts to create a word from the various alphabedigit combinations. Unjumble may useful in solving the Sunday morning newspaper Scramble. Includes source. Author: Ron Charlton FF366

MallocTest A malloc/free test program that allocates and frees randomly sized pieces of memory with random lifetimes, and fills them with patterns that can be checked for corruption. Useful for beating on your vendor supplied memory management routines, or possibly as a poor man's memory test program. Includes source. Author: Neil Webber FF66

Man A program similar to the UNIX 'man' program. Displays information about a topic from manual pages. Does not include any database of topics, you have to supply your own. Version 1.2, includes source. Author: Garry Glendown FF241

Mandala A mandala graphic program with sound, sort of Eastern music. Binary only. Author: Unknown FF67

MandAnim A Mandelbrot Animation program that allows you to easily generate series of lo-res/16-color pictures. Features full mouse and/or keyboard operation, zooms, auto-save, high (cheat) speed, iconization, etc. The generated pictures all remember their positions and settings so they can be re-loaded. Version 1.1, binary only. Author: Ekke Verheul. FF387

Mandel Mandelbrot set program, C code and executable. AM1

mandel One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

Mandel Another mandelbrot generator program, with bits and pieces of code from C. Heath and R.J. Mical. This is V1.3, an update to FF111. New features and improvements include an ARexx interface, coordinates in sight, more state info saved with a picture, batch files, programmable functions, and more plotting options. Includes source. Author: Olaf Seibert FF218, FF111

MandelBlitz Very fast Mandelbrot plotter with lots of handy functions such as color cycling, zoom, special palette control, file requestors and more. Version 1.0, binary only Author: Nico François FF387

Mandelbrot A fast Mandelbrot rendering program that uses some of the mathematical properties of the Mandelbrot set to greatly reduce the drawing time. Demonstrates graphics programming, assembly language, menus and IFF file I/O. Standalone image with source code. Author: Nick Didkovsky FF239

Mandelbrot Latest version of Robert French's mandelbrot program, version 3.00 Author: Robert French FF31, FF4

mandelbrot Latest and greatest mandelbrot program. New features include the ability to save images in 'IFF' format, for reading into Deluxe Paint or other programs that use IFF. Also includes code from GraphiCraft to handle color palette and change colors at will. Many additions by RJ Mical. Author: Robert French FF5

Mandelbrot Set Explorer This is a copy of Thomas Wilcox's Mandelbrot Set Explorer disk. To run from CLI: 1) cd dfX: (where X is drive containing disk)=2) mse. To run from Workbench: 1) Click on MSD icon. It contains extensive on-line help information, unlike other Mandelbrot programs distributed in this library. It also is capable of displaying some very pretty hi-res pictures in interlace mode. FF21

MandelBrots Some mandelbrot images submitted for the 'mandelbrot images contest' some months ago. Only three people submitted mandelbrots and these were among the most interesting. FF20

MandelMountains A program that renders three-dimensional images of blowups of the Mandelbrot set. Includes several example images. This is version 2.1, an update to version 2.0 on disk 354. The most significant enhancement for this version is that is is two to three times faster due to inclusion of a specially tuned fixed point arithmetic package. Shareware, binary only. Author: Mathias Ortmann FF383, FF354, FF295

MandelVroom A Mandelbrot/Julia-curve generating program that features five numerical generators (integer, ffp, ieee, 020, and 020/881) in hand-crafted assembly for maximum speed, online mouse selectable help for all functions, generation of multiple pictures simultaneously, a sophisticated user interface with shaded gadgets, etc. Some of the other features include zoom, magnify, color-cycling, contouring, auto-contouring, histogram, statistics, presets, extra-halfbrite support, overscan, orbits, pan mode, and more. Requires 1Mb or more of memory. This is V2.0, an update to FF78. Source is available on FF214. A compiled binary, along with help files and example images, can be found on FF215. by: Kevin Clague FF215 & 214, FF78

mandlebrot One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

mandrill A gorilla in an IFF picture. AM6

MarbleMadness.pic A screen from Marble Madness. AM6

MarbleSlide The aim of this game is to build a slide on a 10 x 11 board of pieces that move around, allowing the marble to reach the goal piece. You play against time. Also includes a board editor to build custom boards. Binary only. By: Peter Handel FF283

Marge A simple CLI utility to add a specified number of spaces or tabs to the left side of every line in a file. Includes source. Author: Joel Swank FF177

Marilyn HiRES BW collection of Ms. Monroe FF72

marimba Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Marketroid Marketroid is Leo's entry for the Badge Killer Demo Contest. It is another devious sprite oriented demo with lots of 'in' jokes. 512K required. Includes source. By: Leo Schwab FF115

Martian The Bugs Bunny Martian in an IFF picture. AM6

Mat A comprehensive String-Search/Pattern-Match Utility for both text files and directories. A powerful command line syntax allows automatic file editing, construction of command scripts, and so on. Example Shell scripts are included. Binary only (a much enhanced version of the original on Disk #102). Author: Pete Goodeve. FF374

Match-stuff Heavy duty text pattern matching stuff. The pattern syntax is an extension of standard AmigaDOS filename matching. Also includes some simply matched text replacement capability. Includes source. Author: Pete Goodeve FF102

mathffp.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

mathieeedoubas.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

mathieeesingbas.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

Mathtrans A very small library which replaces the mathtrans.library distributed by Commodore-Amiga, for those who own an MC68881/82 floating point unit. Calculation speed of some functions is increased up to 15 times. Version 1.1, includes source. Author: Heiner Huckstadt FF319

mathtrans.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

Matlab A FORTRAN package (MATrix LABoratory) developed by Argonne National Laboratories for in house use. It provides comprehensive vector and tensor operations in a package which may be programmed either through a macro language or through execution of script files. Supported functions include sin, cos, tan, arcfunctions, upper triangular, lower triangular, determinants, matrix multiplication, identity, hilbert matrices, eigenvalues, eigenvectors, matrix roots, matrix products, inversion, and more. Amiga specific features include workbench startup, polar plots, contour plots, enhanced plot buffer control, and algorithmic plot display generation. Includes source in FORTRAN. Author: Cleve Moler, Jim Locker FF267

Matrix Solves systems of linear equations. Includes both PAL and NTSC versions. Version 1.00, includes source. Author: Rudiger Dreier FF376

Maze A couple of very nice demos for the creation and use of single-solution mazes, one of which is practically a stand-alone game. Includes source. Author: Werner Gunther FF171

Maze An example of a fully re-entrant maze generation program written in assembly language using Manx's assembler. Includes source. Author: MichaelSinz FF248, FF218

MC68010 Complete information package for upgrading an Amiga to use an MC68010 in place of the MC68000. Includes a software fix that makes this transparent to user programs that use instructions that are privileged on the 68010 By Thad Floryan FF18

mCAD An object-oriented drawing program, version 1.2.2. Uses a small set of graphics primitives (like 'line', 'box', and 'text') and a small set of editing functions (like 'move', 'size', and 'rotate'). While drawing and editing, the user can call on other functions to modify the display; to zoom in, slide around, superimpose a grid, etc. This shareware program was submitted by the author. Many improvements over the version released on FF56. Binary only. Author: Tim Mooney FF59, FF56

meadows3D A 3D graphics program, from an AC™ article, in AmigaBASIC. AM11

Mean18 Two Mean 18 custom golf courses by Joel Swank FF304

MED A music editor much like SoundTracker. A song consists of up to 50 blocks of music, which can be played in any order. Editing features include cut/paste/copy tracks or blocks, changing the vibrato, tempo, crescendo, and note volume. Other features include switching of the low-pass-filter on or off on a per song basis, and a cute little animated pointer of a guy doing 'jumping jacks' in time to the music! Version 2.00. Now includes full source. Author: Teijo Kinnunen FF349

Med Yet another Amiga text editor. This one lets you edit up to 36 files simultaneously and makes extensive use of the mouse. This is version 2.1, binary only. Author: Francois Rouaix FF60

MegaWB A program that makes it possible to make your WorkBench screen as large as you like. Version 1.2, Source in Modula-II. By: Fridtjof Siebert FF253

Melt Another display hack from the master himself... Includes source. Author: Leo Schwab FF66

MEmacs Another Emacs, more oriented to word processing. In C source code and executable program, and documentation provided. AM9

MemBoardTest Originally designed for production testing of A1000 memory boards. Very nice intuition interface. Version 2.4, Includes source in Modula. Author: George Vokalek FF158

MemClear Walks through the free memory lists, zeroing free memory along the way, and coalescing memchunks that have contiguous address spaces. With source. by John Hodgson FF58

MemDiag Memory diagnostic program to identify addresses which produce memory errors, and a memory quarantine program which removes such defective addresses from the system's free memory list, until the hardware errors can be corrected. Version 1.1, includes source. by: Fabbian Dufoe FF214

MeMeter A small utility for monitoring the Amiga's memory usage. Unique snapshot facility allows you to store the current numbers, launch a program, see how much memory it requires, end the program, and see if it returns all the memory. Version 2.1, binary only. Author: Gaylan Wallis FF366

MemFlick Treats all the memory in your Amiga as if it was part of a bitplane inside a graphics display. Provides sort of a graphical picture of your memory usage. Binary. By Jim Webster FF206

MemFrag Displays number of memory chunks/sizes to show memory fragmentation. Chunks are displayed as 2**N bytes which is a rough guide but still useful. This is an enhanced version of 'Frags' from disk 69. Includes source. By: Mike Meyer, enhancements by Gary Duncan FF345

MemGauge A tool to display the current memory usage, very much like the usage bar Workbench displays in root directories. V1.4, includes source. Author: Olaf 'Olsen' Barthel FF222

MemGuard MemGuard is a MemWatch like program which has been rewritten in assembly language for maximum speed and efficiency. Unlike MemWatch, MemGuard does not run as task in a dummy loop but rather as a low-level interrupt routine which is capable of trapping memory trashing even before exec might know of it and even while task switching is forbidden. In fact the low-memory area is checked each frame. Virtually no processing time is wasted, the interrupt routine does the check in about half a raster scan line's time. This program was contributed by Ralf Thanner, who originaly spent three weeks programming & debugging it. In this program Ralf uses some very delicate tricks to let his interrupt routine work with Intuition alerts. Version IIIa, an update to version III on FF325, binary only. Author: Ralf Thanner FF354, FF325

MemLib A link library of routines to aid in debugging memory problems. Works with Lattice C 5.0 and possibly with earlier versions. It's features include trashing all allocated memory, trashing all freed memory, keeping track of freed memory with notification if it is written to, notification of memory freed twice or not at all, notification of overrunning or underrunning allocated memory, generation of low memory conditions for testing purposes, and identification of violations of memory use by filename and line number of the allocating routine. Includes source. Author: John Toebes and Doug Walker FF240

MemLook Similar to MemFlick on disk #206. For lack of a better explanation, it gives sort of a graphical view of your machine's entire memory area. Features memory guage and controllable scrolling speed via the cursor keys. Version 1.1B, binary only, source available from author Author: Thomas Jansen FF364

MemMometer A program that opens a narrow window and graphically displays your memory usage like a gauge. Based on WFrags, by Tomas Rokicki. Version 2.10, includes source. Author: Howard Hull FF350

MemoPad A shareware intuition-based memo reminder program. Nicely done. Update to version on FF 146, version 1.2, binary only. Author: Michael Griebling FF160, FF146

Memory Squares: Test your memory with this AmigaBASIC game. Author: Mike Morrison AC5

MemoryClock A clock program that shows the amount of free fast ram, free chip ram, as well as the time and date. Includes source in assembly code. By Roger Fischlin FF188

MemRoutines Some plug-compatible replacements for the Lattice C functions memcpy(), memcmp(), and memset(). Unlike the Lattice functions that deal with data one-byte at a time, these versions deal with longword chunks, which can improve performance of Amigas equipped with a 68020 or 68030. Includes source in assembly. Author: Robert Broughton FF362

MemTrace Routines to help debug memory allocation and freeing during program development. Will complain if you try to free memory you didn't allocate and will report on memory not freed when your program finishes. Author: Jojo Wesener FF163

MemView Program which sets up a direct window into RAM, thus dynamically displaying the contents of memory. Author: Leo Schwab FF33

FREELY REDISTRIBUTABLE SOFTWARE

MemWatch Memwatch is a program intended to sit in the background and watch for random trashing of low memory by an application under development. If it detects a write to low memory, it repairs it to what used to be there, then puts up a requester indicating what damage had been done. Very useful! Version II, includes source. Author: John Toebes FF87, FF48

menu One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13, AM1

Menu A fast-access menu system configurable via a script file that allows the user run selected programs. Version 2.0, binary only. Author: Stefan Mörnhag FF387

MenuBuilder A program which automates the process of building menus. It takes a simple text file and generates a C source file with all the needed structures for linking with the rest of your program. This is version 1.0, and includes source. Author: A. Preston FF65, AC7

menudemo A demo of Intuition menus called 'menudemo', in C source. C program. AM5

menuEd A menu editor that produces C code for menus. Executable program and documentation. AM12

MenuEd: A menu editor that allows you to easily create menus. The program then generates C code that you can use in your own programs. Author David Pehrson AC1

MenuEditor Create and edit menus, saving the result as either a binary file for further editing or as C source for inclusion in a program. Author: David Pehrson Author's suggested shareware donation: $15 FF30

Menus Learn about Intuition menus, a John Draper Amiga Tutorial. AM2

MergeMem Program which attempts to merge the MemList entries of sequentially configured RAM boards. When successful allows allocating a section of memory which spans board boundries. Version 2. Author: Carolyn Scheppner FF95, FF56

MFF-Demo Demo copy of the MicroFiche Filer program from Software Visions Inc. The MicroFiche File is a full-powered database program for manipulation of text, numbers, and pictures. It uses the microfiche metaphor for dealing with your data graphically. This is a full production version except that the save option has been disabled. Includes a sample database of my disk library. Binary only. Author: Gary Samad FF89

MFF-Update A text import utility for MicroFiche Filer (demo version released on disk 89) and updates to some PD disk library databases. Binary only. Author: Gary Samad FF103

MFix A small program to insert in the startup-sequence of the commercial program, Marauder II, from Discovery Software, International. Whenever the copy process is started, the rainbow screen is covered by a bare screen until the copy is finished. The author claims a 25% decrease in copy time is achieved. Version 1.0, binary only. Author: Stephen Gunn FF172

MForgeRev Text of a user's view of MicroForge hard drive. AM8

MG Beta version of mg3, including ARexx support. This is probably the most stable beta for the next year, as many new features are going in after this. Amiga-only release. Sources compressed with lharc to fit on the disk. Update to mg2b on disk 147. Author: Mike Meyer, et al. FF352

Mg1b A version of Mg1b with an ARexx port and other improvements by Tomas Rokicki. Finally you can define macros and bind them to function keys in your startup file! Includes source. Author: Various; enhancements by Tomas Rokicki FF131

MicroEMACS Version 3.10 of Daniel Lawrence's variant of Dave Conroy's microemacs. This is an update to the version released on disk 119. New features include multiple marks, more function key support, a better crypt algorithm, and end-of-word command, a command line switch for setting environment variables, new hooks for macros, a command to strip trailing whitespace, international-zation features like foreign language message support, horizontal window scrolling, much faster search algorithm, Amiga intuition support, and more. Includes source and extensive online documentation. Author: Dave Conroy, MANY enhancements by Daniel Lawrence FF195, FF147, FF119, FF93, FF61, FF6, FF2

MicroEmacs This disk contains a significantly enhanced version of microEmacs based\on the version 30 release posted to usenet's mod.sources news group. Previous versions of microEmacs released on these disks derived from a very old version of microEmacs. The author has cleaned up lots of loose ends and restructured major parts of the code. Other people have added support for termcap, ports to other machines and operating systems, and a limited GNU emacs compatibility option. Because recipients of this disk might wish to run this new microEmacs on other machines in addition to the Amiga, I have included all sources that were available to me at the time of release. The sub directories which give alternate implementations are: Sys/Vms System modules for VAX VMS Sys/Atari System modules for Atari ST Sys/MS-DOS System modules for MS-DOS Sys/Cpm86 System modules for Cpm Sys/ Amiga System modules for Amiga Sys/Ultrix System modules for Ultrix/BSD4.2 Sys/SysV System modules for UNIX System V Tty/Atari Terminal driver for Atari ST Tty/7300 Terminal driver for AT&T UNIX PC (7300) Tty/Intuition Terminal driver for Amiga using Intuition Tty/Termcap Terminal driver using termcap for UNIX Tty/Ansi Terminal driver using ANSI codes Tty/AmigaDOS Terminal driver for Amiga using just AmigaDOS Tty/Heath Terminal driver for a Heath terminal. Please send any enhancements to rtech!daveb, or to me and I will see that he gets them.- Fred FF23

MicroGNUEmacs MicroGNUEmacs(MG 2b) contains many additions and enhancements since the original works by Dave Conroy (credit belongs to all contributors and Beta testers. Note: Amiga specific source code files and the document files have been archived. An executable copy of the PDS archive program 'Zoo' is in the 'c' directory FF147, FF101, FF68, FF6

MicroSPELL MicroSPELL is a standalone spelling checker which scans text files and reports on misspelled words. It has a 1000 word 'common word' list, a 43,000 word main dictionary, and supports multiple user dictionaries. Also interfaces quite nicely with MicroEMACS 3.9, with an emacs macro to step through the source file, stopping at each suspect word and allowing the user to dispose of it in different ways. Version 1.0, includes source. Author: Daniel Lawrence FF101

MicroTerm A very small, very simple, almost brain-dead terminal program. Primarily useful as an example of how to talk to the console and serial devices. Version 0.1, includes source. Author: Stephen Vermeulen. FF326

MIDI Make your own MIDI instrument interface with documentation and a hi-res schematic picture. AM13

MIDI A midi library and utilities set. This looks like a very complete package, though I have no way of testing anything since I have no MIDI hardware. The MIDI utilities include a MIDI monitor to display incoming MIDI messages to the console, a routing utility, a MIDI library status utility, and more. Also includes source. Author: Bill Barton FF101

MIDI Out: A MIDI program that you can expand upon. Written in C. Author: Br. Seraphim Winslow AC3

MidiLib A disk based library that permits sharing of the serial port by MIDI applications through a MIDI message routing and processing system. The midi utilities include a midi monitor to display incoming midi messages to the console, a routing utility, a midi library status utility, and more. V2.0, an update to FF101, and includes significant speed enhancements, new utilities to play with MIDI files, and updated utilities, documentation and examples. Binary only (source for examples and bindings however). Author: Bill Barton FF227

MIDIsoft Transfer sound samples between the Amiga and a Roland S-220. V1.0, binary only. By Dieter Bruns FF199

MIDITools A group of several different utility programs for those who run a MIDI system. Binary only. Author: Jack Deckard FF159

MidiTools Simple programs to play and record through the MIDI I/F. Untested (I have no MIDI hardware). By Fred Cassirer FF54

MigaMind A small WorkBench Master-Mind type game. Includes source. Author: Ekke Verheul FF363

MigaSol A game of solitaire. AM15

MileStone Another game in ABasiC by the author of Monopoly. Author: David Addison FF28

mindwalker Text clues to playing the game well. AM12

MiniBlast A shoot'em up game which runs just fine in a multi-tasking environment. At last you can enjoy a satisfying megablast while you are writing a boring essay. Shoot anything that moves, and if it doesn't move, shoot it anyway. V1.00, binary only. By: Anders Bjerin FF336

minipaint One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain which of the two early basics this program used. FF13

MinRexx A simple ARexx interface which can be easily patched into almost any program. Includes as an example the freedraw program from FF1. Includes source. By Tomas Rokicki FF188

MirrorWars A new game featuring sound, title music, and two player mode. Fight your opponent via laser rays, but beware of the mirrors reflecting your shots. Binary. By Oliver Wagner FF235

Mischief This little program is in the long tradition of 'display hacks'. It uses the input.device to perform various acts of mischief. Includes source. Author: Olaf 'Olsen' Barthel FF222

MiscUtils Some small sound and screen hacks. Includes source in C. Author: Jorrit Tyberghein FF302

Missile A nice 'missile defense' game. Written 100% in assembler (source available from author) and is very fast! Author: Glen Merriman FF50, AM16

Mklib Another example of building a shared library that evolved from 'Elib' FF87. Also included is a library, Edlib, which contains several functions not included in the Manx standard libraries. Includes source. By Edwin Hoogerbeets with C-functions from several different authors FF183

Mlist Mailing list database. AM25

MM Implementation of the game Mastermind. You must try to guess a color combination which the amiga sets via a random generator. There are 6 colors which can be set in any combination. With source. By Dietmar Jansen FF327

ModemPins Text description of the serial port pinout. AM1

Modula-2 Trails a moving-worm graphics demo in Modula-2. AM11

Modula-2 A pre-release version of the single pass Modula-2 compiler originally developed for MacIntosh at ETHZ. This code was transmitted to the Amiga and is executed on the Amiga using a special loader. FF24

ModulaTools Various useful routines for those programming in Modula on the Amiga. Update to version on FF 94, includes source. Author: Jerry Mack FF138, FF94

moire Draws moire patterns in black and white in a borderless backdrop window. Currently only runs with Lattice C version 3.02, when compiled with 3.03 crashes the system. Author: Scott Ballantyne FF9, AM1

Mon A machine code monitor/debugger program for the Amiga which is re-entrant and can be made resident. This is version 1.24, binary only. Author: Timo Rossi FF310

Money Try to grab all the bags of money that you can. AM15

MonIDCMP MonIDCMP lets you monitor the IntuiMessages that pass through an IDCMP window. It prints the message class, mouse coordinates, qualifier values, and other useful information when appropriate. Great for debugging applications and for snooping around in the inner workings of other programs. Includes source. Author: Davide Cervone FF108

Monolace CLI program resets Preferences to several colors of monochrome & interlace screens. C source is included, works with DisplayPref, a CLI program which displays the current Preferences settings. AM24

Monopoly A simulation of the Parker Brother's board game MONOPOLY. Binary only, source available from author. Author: Ed Musgrove FF251, FF15

MonProc An enhanced version of the process packet monitoring program from FF69. Includes source. Author: Phillip Lindsay, enhancements by Davide Cervone FF79, FF69

Moonbase You must guide a lunar lander to ferry cargo from an orbiting space station to bases on the surface of the moon. You get cargo and fuel for the lander by docking with the space station. The goal is to complete all the assigned cargo deliveries, and to destroy as few landers as possible in doing so. Binary only. Author: Jim Barber FF312

Moose Random background program, a small window opens with a moose resembling Bullwinkle saying witty phrases user definable. AM24

More Requestors: Using system calls in AmigaBASIC to build requestors. Author: John Wiederhirn AC6

MoreArt A small selection of some additional Amiga artwork submitted to me since the last 'art' disk. Authors: Dana Dominiak and Larry Zasitko FF106

MoreColors A way to get more colors on the screen at once using aliasing. ABasiC program AM1

MoreIsBetter These two hacks make MORE more useful. One is called V; it's a small 'pure' CLI command that acts as a front end for More, causing it to create its own window. Make V and More both resident! The other is Fenestrate, which surgically alters the CON: window spec inside More enabling it to use ConMan features to create a borderless window on the topmost screen (very useful with CLImax) etc. With source. By Paul Kienitz FF224

MoreRows A program to make the workbench screen larger than normal. The number of additional rows and columns are set via command line arguments. By Neil Katinand Jim Mackraz FF54

Moria A single player dungeon simulation. The object of the game is to defeat the Balrog, which lurks in the deepest levels of the dungeon. You begin at the town level above the dungeon, where you may acquire supplies, weapons, armor, and magical devices by bartering with various shop owners, before descending into the dungeon to do battle. Amiga enhancements include pull down menus, graphics mode, pickup mode, a continuous move mode, a real time mode, a message wait time mode, as well as other modifications to improve overall playability and to take advantage of the unique features of the Amiga. V3.0, binary only, requires at least 1Mb of memory. Author: Robert Alan Koeneke and others. Amiga version by Richard Henderson & others. FF194

Morri Morri in LoRes FF72

MortCalc Yet another loan calculator, but this one was written with accuracy in mind. The monthly payments times the number of months should balance the total principal plus interest, to the cent. Version 2.5, freeware, source included. Author: Michel Laliberte FF385

Most: Text file reader that will display one or more files. The program will automatically format the text for you. Author: Russell Wallace AC5

Mostra A very versatile program to display IFF ILBM files. Features realtime unpacking scroll, smart analysis of any IFF file, total control over display modes, simple slideshow processing, pattern matching, and a dozen other options. Only 14K. This is version 1.0, an upgrade to the Show program on disk 323, and adds SHAM, double buffering, faster decompression, color cycling, TeXdocs, startup files for easy customizing, and complete WorkBench support through ToolTypes and Style icons. Binary. By Sebastiano Vigna FF330

mostriper One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Mount Mandelbrot A 3D view of a Mandelbrot set. AM12

Mounted A little program to run from CLI scripts to find out if a disk is mounted or not. Includes source. By Peter DaSilva FF79

mouse One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

mouse Shows how to set up the gameport device as a mouse so that hooking up the mouse to the right port gives access to mouse information. Author: Rob Peck FF5

mouse pointers Amicus 26 contains a group of mouse pointers and the Workbench program to display them. AM26

MouseBounce A short hack/game that makes your mouse pointer bounce around the screen. The object is to close the MouseBounce window and exit the game. Each time you click the mouse button, the pointer speeds up. With source. by Jonathan Potter FF204

MouseClock A clock and free memory display utility that generates a small display tied to your mouse, using two hardware sprites as the display area. Version 1.2, includes source. Author: Olaf Barthel FF279, FF69

MouseCoords A small assembly utility which shows you the current position of the mouse pointer. Can be 'jumped' to operate on any screen. With source in assembly. By Jonathan Potter FF287

MouseOff Enhanced and smaller version of MouseOff released on FF73. MouseOff will cause the mouse pointer to disappear and then reappear if mouse movement is detected. Includes source. Author: Denny Jenkins, reworked by Tom Smythe FF75, FF73

MouseReader Shareware program, submitted by the author, to read text files and view IFF files using only the mouse. Binary only. Author: William Betz FF97

mousetrack A mouse tracking example in hires mode in AmigaBASIC. AM11

MouseUtil Intuition based program to allow you to change your mouse speed without having to go through preferences. V1.1, includes assembly source. By Luciano Bertato FF184

mousport.c Test mouse port. C program. AM4

MovePointer Moves the pointer to any specified location on the screen, specified by X-Y coordinates. With source. By 'Cewy' FF87

MoveWindow Move a named window to any arbitrary X-Y coordinate and possibly resize it at the same time. Includes source. Author: 'Cewy' FF87

MovieGuys.pic A still from an old movie in an IFF picture. AM6

Movies A RAM animation system with three different example animations; Kahnankas, Rocker, and F-15. Kahnankas won a close second in the Badge Killer Demo Contest. Both Kahnankas and Rocker run on a 512K Amiga and show off overscan HAM mode. Includes a animation player program (movie), animation builder programs (dilbm, pilbm), and a text/graphics display program (vilbm). Authors: Eric Graham and Ken Offer FF116

MRARPFile Extended ARP file support package that adds an orthogonal set of routines which support generalized I/O with resource tracking while using the ARP library. Includes source. Author: Mark Rinfret FF281

MRBackUp A hard disk backup utility that does a file by file copy to standard AmigaDOS floppy disks. Includes an intuition interface and file compression. This is version 3.3e, an update to FF270, to fix a serious bug in that version. Binary only. By: Mark Rinfret FF279, FF270, FF170, FF129, FF128

Recently, we were ordered by U.S. military officials to explain to their complete satisfaction just what a SuperSub is (as we all know, it's the best subscription deal around for Amiga users, since it includes both *Amazing Computing* and *AC's GUIDE*).

☆☆☆☆☆

Then, a prominent Congressman wired to ask us if we would testify before a top-secret subcommittee as to whether or not we can produce a single prototype SuperSub for less than $500 million (is this guy kidding? – a one-year SuperSub costs just $36 – and we can produce one for *anybody*!).

☆☆☆☆☆

Finally, a gentleman called us from Kennebunkport and told us to read his lips, but we told him we couldn't, because we don't have a picturephone.

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MRBackUp A hard disk backup utility that does a file by file copy to standard AmigaDOS floppy disks. Includes an intuition interface and file compression. Version 3.4. Binary. By Mark Rinfret FF327, FF279, FF270, FF170, FF129, FF128

MRMan A package which contains an Amiga document reading system similar to the 'man' command on UNIX systems. It offers a high degree of flexibility in the naming and placement of document files on your system. This is version 1.0 and includes source. Author: Mark Rinfret FF281

MRPrint A detabbing print utility that sends text files to either the printer device or rhe standard output. Besides expanding tabs, it will also generate page headers, line numbers, and new margins. Version 3.4, includes source. By: Mark Rinfret FF279, FF167

ms2smus converts Music Studio files to IFF standard 'SMUS' format. AM16

MSDOS A program to list files written in standard MS-DOS or Atari ST format. The files can then be copied to RAM and rewritten to disk in Amiga-DOS format. Binary only, Shareware, Version 0.1. Author: Frank Wibbeling FF158

Msh An Amiga file system handler that handles MS-DOS formatted diskettes. Version '1.30' (Release 1 patch 3). You can use files on such disks in almost exactly the same way as you use files on native AmigaDOS disks. This is a fully functional, read/write version, that supports 8, 9, or 10 sector disks of 80 tracks, and should also work on 40 track drives and hard disks with 12 or 16 bit FAT of any dimension the FAT allows. Update to version '1.5' (Release 1) on disk 327. Includes source. Author: Olaf Seibert FF382, FF327

MSizer A program that allows you to resize a window from any corner when holding down the left mouse button and the left Amiga key. Includes source. Author: Khaled Mardam-Bey FF285

MTV The Dire Straits moving company in an IFF picture. AM6

MuchMore Another program like more, less, pg, etc. This one uses its own screen to show the text using a slow scroll. Includes built-in help, commands to search for text, and commands to print the text. Works with PAL or NTSC, in normal or overscan modes. Supports 4 color text in bold, italic, underlined, or inverse fonts. Version 2.7, this is an update to version 2.5 from FF253. Includes source in Oberon and assembly code. Author: Fridtjof Siebert FF378, FF253, FF234

MuchMorePoPa Extended version of MuchMore V2.7. Displays texts that have been packed with PowerPacker. Version 2.7, includes source in Oberon and assembly code. Author: Fridtjof Siebert FF378

mult Mult reads the input comparing adjacent lines. In the normal case, the second and succeeding copies of repeated lines are output, and the remainder of the lines are removed. Repeated lines must be adjacent in order to be found. Options are present to output the first of multiple lines, for comparing adjacent lines by field only, and for specifying the field separator character. Kind of the opposite of the UNIX 'uniq' program. Author: Dennis FF6

Multi-Forth: Implementing the ARP library from Forth. Author: Lonnie A. Watson AC6

Multic Formats a single column of input into multiple side by side columns. Includes source. Author: Joel Swank FF304

MultiCalc Yet another RPN type graphic calculator. This one generates answers with extreme precision (if 3000 digits is enough!) Features a 48-digit scrollable display, mouse driven with lots of keyboard shortcuts, and iconification during non-use. Binary only. Author: Kenneth Johnson FF166

Multidef A program to scan a collection of object and library files and identify multiply defined symbols. This is useful to locate subtle problems where user defined symbols override library symbols. Author: Paul Jatkowski FF49

Multidim Lets you rotate a 2 to 6 dimensional 'cube' on the screen using the joystick. Author: Robert French FF18

Multiplot An intuitive data 2D plotting program featuring flexible input options, arbitrary text addition, automatic scaling, zoom and slide with clipping at boundaries, a range of output file formats and publication quality printed output. Workbench printers are supported via transparent use of the PLT: device. This is version XLNc, an update to the version on FF333. Includes many new features, a nicer user interface, and low memory options allowing it to be used in half megabyte machines. Includes source. Authors: Alan Baxter, Tim Mooney, Rich Champeaux, Jim Miller FF373, FF333, FF292

MultiSelect A small program that makes it possible to select several icons on the workbench without having to press the Shift key. V 1.0, with source in Modula-II. By Fridtjof Siebert FF253

MultiSort: Sorting and intertask communication in Modula-2. Author: Steve Faiwiszewski AC2

MultiTasking Tutorial and example program for multitasking at the Exec level Author: Leo L. Schwab FF20

Multitasking in Fortran: All the hard work is done here so you can multitask in Fortran. Author: Jim Locker AC6

MunchingSq Leo's 'Munching Squares' hack, now upgraded to take a single argument for a seed value. With source. By Leo Schwab FF87

Muncho A cute little program which plays a digitized sound sample when you insert or remove a disk from your drive. If you don't like the sounds, you can replace them with your own. Binary only. Author: Andrew Werth FF137

Music A collection of 14 Classical pieces. AM23

MusicCraft2SMUS Amiga Music Player AM23

MusicStudio2SMUS Amiga Music Player AM23

Mv A Unix style mv/cp/rm program that moves, copies, or removes files. Includes interactive mode, recursive mode, and force quiet mode. Copies file permissions, dates, and comments, supports arp style wildcards, supports moves across volumes, honors the delete bit. V 1.1,with source. By Edwin Hoogerbeets FF219

MVP-FORTH Mountain View Press Forth, Version 1.00.03A. A shareware version of forth from Fantasia Systems. Runable from the workbench, comes with icons and such. If you use this, please send a contribution to Fantasia Systems/Mountain View Press. FF9

MWB A program which will create a new 'WorkBench' screen and route by request OpenWindow calls meant for the WorkBench to these new screens. This allows you to run programs which normally open windows on the WorkBench screen to use a custom screen instead. V 1.01, with source. By Matt Dillon FF65

MxExample Example of mutual exclusion gadget handling. Author: Davide Cervone FF31

MxGads Demonstrates how to make mutual exclusion of boolean gadgets work, even if they contain Gadget Text. Author: Willy Langeveld FF52

MXMLib An example Amiga shared library compiled with Aztec 'C' 5.0. This library contains basic support functions employed by programs such as KeyMacro or PrintHandler. In short: mxm.library is the standard MXM system support library. Version 34.14, includes source. Author: Olaf Barthel FF354

My.lib A binary only copy of Matt's alternate run time library. Author: Matt Dillon FF46

MyCLI Another CLI for the AMIGA. By Mike Schwartz FF4, AM9

mydev.asm Sample device driver. Assembler file. AM5

mydev.i Sample device example AM5

mylib.asm Sample library example. Assembler file. AM5

mylib.i Sample library example AM5

MyMenu MyMenu allows you to add your own menus to the WorkBench menu strip, to run commonly used commands. MyMenu will allow you to execute both CLI and WorkBench programs, and is configured with a normal text file. Includes source. Author: Darin Johnson FF225

MyUpdate A disk update utility that also provides support for automatically stripping comments from C header files and for interactive verification on a per file basis. Author: JoeMueller FF49

Nag A shareware appointment calendar with it's own editor and a unique 'nagging' feature utilizing the Amiga's voice and audio devices. Version 1.6, binary only. By Richard Lee Stockton FF161

NameGame A game based on a popular type of word skill puzzle contest generally sponsored by newspapers. Binary only. Author: Mike Savin, Gladstone Productions FF256

Names A shareware program to create and manage mailing lists. Binary only. Author: Ernie Nelson FF122

Nart Another display hack from the master himself... Includes source. Author: Leo Schwab FF66

NComm A communications program based on Comm version 1.34, by DJ James, with lots of very nice enhancements. Has hot keys for most program functions (including dialing up to 10 phone numbers), PAL and NTSC support for normal or interlaced screens, screen I/O greater than 2400 baud, ANSI/VT100 terminal emulation with full 8 color text support, IBM graphics, optional translation styles, split screen mode, full user control of color palette, full support for all European languages, full serial port control with baud rates up to 19200, script language, phonebook, keyboard macros, and more. Also includes several auxiliary programs such as AddCall, CallInfo, GenList, PbConvert, and ReadMail. This is version 1.9, an update to version 1.8 on disk 230. Binary only. Author: DJ James, Daniel Bloch, Torkel Lodberg, et al. FF356, FF246, FF230

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NDebt Amusing, but saddening, this program opens a small window that displays a continuously updated tally of America's national debt, based on its historically phenomenal growth rate. Version 1.1, includes source. Author: Ron Charlton FF366

Ndir Library that implements the 4BSD UNIX directory access routines (opendir, closedir, readdir, etc). Includes source in C. Author: Mike Meyer FF92

NEC 8025A Printer driver for the NEC 8025A. AM9

Nemesis This demo is Mark's entry to the Badge Killer Demo Contest. It is quite small for what it does, and won fifth place in the contest. Binary only. Author: Mark Riley FF127, AM25

NeuronalNets Binary programs for playing with Neuronal Nets using Hopfield & Hamming algorithms. By Uwe Schaefer FF326

NewEx An assembly program to replace xicon, IconX and similar utilities. Unique in the fact that it uses a WorkBench Tool icon instead of a Project icon. This allows workbench startup of programs that could ordinarily only be started by the CLI. Version 1.1, includes assembly source. Author: Kjell Cederfeldt FF368

NetHack This is part 2 of a two part distribution of NetHack, which was too large to fit on a single disk, even when zoo'd. Part 1 is on disk 189. Part 2 is on disk 190. Both parts, along with zoo to unpack them, are required to use or rebuild NetHack. V 2.3 Includes source. Author: Various; Amiga work by Olaf Seibert FF189 & 190

NetHandler The Software Distillery's network file system handler (NET:), using Matt Dillon's DNET to mount one Amiga's devices on another Amiga. It also serves as an example file system written entirely in Lattice C. Version 1.0, includes source. Author: Software Distillery FF248

NetWork Another program in the long tradition of 'screen hacks' for the Amiga. Won't spoil the surprise by saying what it does. V1.0, includes source in Modula-II. By Fridtjof Siebert FF234

NeuralNet Example of Neural Net programming converted to JForth. Demonstrates a programming technique that many say is the wave of the future for software. This is a simple demo that shows neural propagation. Standalone image with source code. Author: Robert E. La Quey, ported by Jack Woehr FF239

NeuralNets A neural network example using the generalized back-propagation delta rule for learning, specifically applied to the tabula rasa Little Red Riding Hood instance. Author: Josiah C. Hoskins FF160

NewDemos Some new demos, including replacements for the standard 'lines' and 'boxes' demos, that use only a few percent of the CPU time, so it is reasonable to have lots of them running sim-ultaneously to demo multitasking. Binary By Steve Koren FF90

NewFonts Set of 28 new Amiga fonts. Author: Bill Fischer FF34

NewFonts Two new fonts; shalt18, an electronic circuit element font, and ibm5, a PC like font, different from that for Sidecar. Author: Peter Kittel FF71

NewIFF Some new IFF material dealing with sampled voice and music IFF files Posted to usenet by Carolyn Scheppner FF44

NewPackets Tutorial downloaded from BIX C-A support section, which describes some new packets and structures in 1.2 AmigaDOS. Author: Carolyn Scheppner FF65

Newscaster.pic A TV newcaster in an IFF picture. AM6

NewStartups A couple of new Cstartup modules. AStartup.asm is the source to AStartup.obj, with 1.2 fixes and better quote handling. TWStartup.asm is like AStartup.asm but opens a studio window, using a user supplied window specification, when executed from workbench. Author: Commodore, posted to BIX by Carolyn Scheppner FF55

NewStat Replacement program for the Amiga DOS STATUS command. Prints task number, priority, address of process, command line being executed, current directory, etc. Author: James Synge FF38

Newton Uses the 'Newtons Method' algorithm to estimate both real and imaginary roots of a polynomial of degree 20 or less. Version 1.0, includes source. Author: Daniel Barrett FF164

NewZAP A third-generation multi-purpose file sector editing utility, from the author of FileZAP. Displays and edits full 512-byte sectors via a 106 character wide internal font. Includes a search feature to find specific strings or hex digits, forwards or backwards. Update to version on FF 58. Version 3.18, Binary only. Author: John Hodgson FF164, FF58

NGC Yet another virus check program. Checks the bootblock on all inserted floppy disks and reports nonstandard ones. Checks the jump tables of all resident libraries and devices and reports suspicious entries. Version 1, includes source in assembly. Author: Ulf Nordquist FF238

NoClick A program which silences the clicking of empty drives on the B2000 under AmigaDOS 1.3. It should also work on an A500. This is version 3.6, an update to version to version 3.5 on disk 243. Includes assembly source code. Author: Norman Iscove FF246, FF243, FF241, FF231

NoIconPos This program clears the position info of any of your icons to allow WorkBench to pick a reasonable place for the icon again. Useful for disk and drawer icons where Snapshot rewrites the icon and the window information. Written in Modula-2, another demo for M2Amiga, showing the simplicity of programming with this Modula-2 compiler. By Markus. Schaub FF113

NorthC A freely redistributable programming package containing all the programs required for developing in C. Based on the Sozobon Ltd C compiler, Charlie Gibb's assembler, the Software Distillery's linker, and portions from other sources. Steve has pulled everything together and added some enhancements in the process. This is version 1.2, an update to version 1.1 on disk 353. Changes include extra examples, many bug fixes, further documentation and some improvements. The environment is supplied compressed and unpacks to two disks. Partial source is included. Author: Steve Hawtin, Charlie Gibbs, Sozobon Ltd, The Software Distilary and many others. FF384, FF353, FF340

NoSmoking Sample program showing the use of a recoverable alert while displaying a personal health message. Includes source. Author: Theo Kermanidis FF155

NotBoingAgain Dr. Gandalf's entry for the First Annual Badge Killer Demo Contest. It is an interlaced HAM animation with nicely integrated sound effects. It is a great visual pun on the original Boing demo, but to say anymore would ruin the effect. Binary only, requires 1 Mb of memory. By Dr. Gandalf (Eric J. Fleischer, MD) FF200

NoVirus Another Anti-Virus utility. This one features known and new virus detection, view boot block, save and restore bootblocks, several 'Install' options and more. Written in assembly. V1.56, binary only. By Nic Wilson FF180

Nro Another roff style text formatter. This is version 1.5, an update to the version released on disk 79. New features include generation of ANSI/ISO codes for bold, italics, and underline, more than one formatting command on a line, longer macro names, and many more formatting commands. Includes source. Author: Unknown, posted to usenet by Alan Vymetalik Many enhancements by Olaf Seibert FF197, FF79

NTSC-PAL Two programs that give A500/A2000 owners with the new ECS 1Mb Agnus installed the ability to boot into either a NTSC or PAL environment. "Very" useful for both NTSC and PAL owners alike. Version 1.1, includes assembly source. Author: Nico François FF387, FF331

NuHand An animation of a hand with fingernails scrapeing on a desktop, including sound effects. An entry in the 1988 Badge Killer Demo Contest. Binary. By Bryan Carey Gallivan FF210

Null A new dos device that behaves like 'NIL:' but unlike 'NIL:', it is a real handler. It is useful in lots of situations where 'NIL:' cannot be used. V 0.0, with source. By Gunnar Nordmark FF188

objfix Makes Lattice C object file symbols visible to Wack, C program. In C source code and executable. AM1

Oberon A freely distributable demo version of a powerful Oberon compiler. Oberon is a modern, object oriented language developed by Prof. Dr. Niklaus Wirth of ETH Zürich in Switzerland as a successor to Modula-2. This single pass compiler creates standard Amiga object files, uses a large variety of optimizations to create fast code, supports writing of reentrant programs, allows you to call code from other languages like C and Assembler, etc. The package includes the compiler, an editor, a link utility, a program to display compilation errors and some demo programs. Version 1.16, binary only. Author: Fridtjof Siebert FF380

Observer Working example for a Lattice LSR-program. Opens a small window and displays volume names of all inserted disks (DF0: through DF3:). Includes source in Lattice C. Author: Oliver Wagner FF378

Obsess Obsess-O-Matic is a real-time puzzle game like Tetrix where the object is to fit the falling pieces together to form complete horizontal rows. Features such as burning, exploding, and invisible pieces enhance game play. Other features such as a puzzle piece editor are included in the version available directly from the author. This is version 1.0, shareware, binary only. Author: Wayne Phillips FF305

Oing Displays a window full of little bouncing balls. By Leo Schwab FF33

Oing, Sproing, yaBoing, Zoing are sprite-based Boing! style demos. dIn C source code and executable. Documentation included. AM14

Okidata ML-92 Printer driver for the Okidata ML-92. AM9

OkidataDump Okidata ML92 driver and WorkBench screen dump program. Does both alpha and graphics. Untested (I don't have the printer). Author: Raimund Gluecker FF15

OldMan Shades of Santa digitized in an IFF picture. AM7

On Your Alert: Using the system's alerts from AmigaBASIC. Author: John F. Wiederhirn AC4

OnePlane Removes the highest number bitplane from the WorkBench screen. Normally used to take Workbench screen from 2 bitplanes to 1 bitplane. This allows CON: style devices to scroll text faster. Includes source. By Ethan Dicks FF329

one.window Produces a window with a console attached. Does graphics in the top half and limits the console activity to the lower half. Author: Rob Peck 12/18/85 FF5

OnlyAmiga This animation is Iqbal's entry to the Badge Killer Demo Contest. It consists of tree balls being juggled by pyramids rotating on their tops. Author: Iqbal Singh Hans FF126

OnlyAmiga This demo is Rob's entry to the 1989 BADGE Killer Demo Contest, where it won 9th place. It demonstrates sound, multitasking, HAM color, the blitter, and more. Binary only. Author: Rob Peck FF268

OOPS! Tired of the monochrome background color of your Workbench or CLI? Then try this colorful screen hack to brighten things up! Includes source. Author: Joerg Anslik FF156

OPS5c OPS5c is a compiler for the expert system language OPS5. The compiler takes OPS5 source code as input and creates a C source code file to be compiled to create an executable. Arbitrary C code may be linked with the executable and executed as a result of firing rules. The system's strong point is its speed and as a result it sometimes has large executables and large memory requirements. At least 1 Meg. of memory is suggested. Binaries only for compiler and run-time library. Version 1.08a. Requires a C compiler. Authors: Bernie J. Lofaso, Jr, Dan Miranker and Arun Chandra. FF358

Optical Draw several optical illusions. ABasiC program. AM1

optimize An optimization example from an AC article, in AmigaBASIC. AM11

Orbit Plots the ground trace of satellites on a map of the earth, using the orbital elements for some 130 satellites, from a list which is updated every two weeks on Compuserve. Version 1.2, binary only. Author: Timothy Middendorf FF289

organ minor chord Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Orthello One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

OSK A software keyboard, which allows you to type using the mouse. Can be made to send keystrokes to any window, and can be iconified. Includes source. Author: Jonathan Potter FF287

Othello An AmigaBASIC Program of the oriental game known as 'go'. AM8

Othello Another game in ABasiC by the author of Monopoly. Author: David Addison FF28, AM1

Othello Othello game, binary only. By Matthew Bellew FF90

Overscan Patches the Intuition library so that sizable windows with MaxHeight of 200 (400 in interlace) and screens with Height of 200 (400 in interlace) will take advantage of the PAL overscan capability of Intuition V1.2. This seems to be useful only for European users that wish to run software written for the American market, without modifying the applications, but still using the additional space. Includes source. Author: Ari Freund FF133

ownlib.asm Example of making your own library in Assembly with Lattice. C program. AM4

ownlib.c, Example of making your own library in C with Lattice. C program. AM4

P2C P2C is a tool for translating Pascal programs into C. It handles the following Pascal dialects: HP Pascal, Turbo/UCSD Pascal, DEC VAX Pascal, Oregon Software Pascal/2, Macintosh Programmer's Workshop Pascal, Sun/Berkeley Pascal. Modula-2 syntax is also supported. Most reasonable Pascal programs are converted into fully functional C which will compile and run with no further modifications. V1.13 Includes source. By Dave Gillespie, Amiga port by G. R. (Fred) Walter FF341

Paccer A pacman clone with sound and a game screen editor. V1.0, shareware, binary only. Author: Dirk Hoffman FF223

Pack Program to strip extraneous whites pace from C programs or header files. Can be used to condense the C compiler header files to free up disk space. Author: Jeff Dickson FF20

Pack-It Pack-it will take all the files and directories on a disk and pack them into a single file for electronic transmission via modem. Binary only, shareware. Author: Gary Kemper FF103

PacketSupport A link library, for use with Lattice C, providing a few functions to handle DOS packet postage. Includes source. Author: Oliver Wagner FF346

PacMan87 This is a nice little 'pacman like' game with some new features like fire pits, stabbing knives, electric arcs and flame throwers, that must be avoided. Has three levels of difficulty, easy, medium, and hard. Sounds can be toggled on or off. Keeps a record of the top ten scores. Shareware, binary only. Author: Steve Jacobs and Jim Boyd FF192

PageCnt Counts and displays the number of form feeds in a file, along with the length of the longest line. Version 1.0, includes source. Author: Joel Swank FF304

PagePrint Prints text files with date/time header, page breaks, and line numbers. Suggested $10 donation. By Phil Mercurio FF40

PageSetter Freely distributable versions of the updated PagePrint and PageIFF programs for the PageSetter desktop publishing package. AM18

Paint A simple screen painting program, written in web. Requires web preprocessing program to rebuild from source. Includes source in web. Author: Greg Lee FF128

PaintBox Simple paint program. ABasiC program. AM1

PaintCan.pic The PaintCan in an IFF picture. AM6

PaintJet An 'official' Hewlett Packard PaintJet printer driver received directly from HP sources. Author: Unknown FF129

Palette A tool which allows you to change another program's custom screen colors. This is version 1.1. New features include checks for WorkBench startups, checks for HAM, Half Brite, or more than five bitplanes, and more graceful exits. Includes source in assembly. Author: Randy Jouett, CJ Fruge, Carolyn Scheppner, Charlie Heath FF330, FF55, FF1

PaletteReq An easy way to set the palette of any screen from your program. Includes source. by: JonathanPotter FF242

PalTest Example code of how to determine dynamically whether or not you are running on a PAL machine. Includes source. Author: Christof Bonnkirch FF87

Panasonic KX-P10xx Printer driver for the anasonic KX-P10xx family of printers. AM9

Panl A universal MIDI patch panel that allows MIDI parameter info to be sent from the Amiga to any MIDI device that can accept param info Version 1.2, binary only. By David Weinbach FF82

parallel Text, parallel port spec. AM5

parallel Demonstrates access to the parallel port. Author: Tom Pohorsky FF5

Paranoids An asylum escape game. Paranoids is a traditional board game played by drawing cards, rolling dice, and moving pieces around the board. Each player has six pieces, four patients and two doctors. The object of the game is to get all of your patients out of the asylum. This is version 1.0, binary only. Author: Richard Anderson and Gary Teachout FF250

paratest.c tests parallel port commands. C program. AM4

ParM Parameterable Menu. ParM allows you to build menus to run programs in either the CLI or WorkBench environment. ParM can have it's own little window, or attach menus to the CLI window you are running it from. Version 1.1, includes source. Author: Sylvain Rougier, Pierre Carrette FF375

ParOut Shows how to allocate and communicate directly with the parallel port hardware from an assembly language program. With source. By Jeff Glatt (original code by Phillip Lindsay) FF237, FF73

Parse A recursive descent expression parser that parses expressions, computes the expression value, and prints it. Includes support for some built in transcendental functions. Includes source in C. Author: John Olsen FF92

Parsnag A program to aid in performing color separations on Epson JX-80 printers. Includes source. By John Hodgson FF165

ParTask Example program for finding the parent task of your current task. Includes source. Author: Andry Rachmat FF79

PascalToC A Pascal to C translator program which is supposed to correctly handle function, procedure, and most type declarations. However, this quick and dirty port didn't fare too well on even a simple little Pascal

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fragment from Software Tools in Pascal. I don't know if the problem is machine dependencies in the code or bugs. Looks like it could be useful with a little more work than I have time to put into it now. Includes source. Author: James Mullens, enhancements by Dan Kegel FF65

Password A program which enhances your computers security by making it complicated enough that users without your password will get discouraged trying to boot and use your system. This should keep out most casual or nontechnical users. Update to version on FF#243. Version 1.42p, binary only. Author: George Kerber FF365, FF243

Paste A version of the UNIX paste utility. Paste concatenates corresponding lines of the specified files into a single output line (horizontal or parallel merging) or concatenates them into alternate lines (vertical or serial merging). Includes source. Author: David Ihnat FF136

Patch A port of the very useful UNIX utility which applies context diffs to text files to automatically update them. This is a port of version 2.0.1.6 (patch level 12), which Eric has dubbed Amiga version 1.0. Includes source. Author: Larry Wall, Amiga port by Eric Green FF296, FF129, FF13

PatchLoadSeg This program patches the loadseg routine to automatically detect link viruses when a program is loaded. Displays an alert when a virus is detected in a program being loaded for execution. Version 1.20, includes source. Author: Pieter van Leuven FF331

PatchNTSC OS fix to allow the growing number of PAL display programs to be run on NTSC machines. Will patch the Intuition OpenScreen() function to assure screens with PAL height to be opened in interlace mode. Includes source in assembler. Author: Oliver Wagner FF346

PatEdit A pattern editor for creating patterns to input to the Amiga SetAfPt macro call. This call sets the area fill pattern for the area filling graphics calls such as RectFill, AreaDraw, etc. Includes source. Author: Don Hyde FF130

Path An interesting concept in path-searching. This program contains a path-handler that allows you to selectively control or assign your system's search path using script files. Includes source. Author: Rico Mariani FF177

PathMaster A file requester with lots of features. Can be easily configured by the programmer to suit a variety of applications. Includes source. Author: Justin McCormick FF245

PatternLib A sharable library which implements AmigaDOS pattern matching, and a program that compiles 'fd' files into library headers and interface stubs. Includes source in Draco. Author: Chris Gray (?), posted on BIX by Jeff White FF254

PCBTool An early version of a shareware PC Board layout program Lots of options including variable size pads and traces, grids, grid snap, layers, zoom, selectable centering, text and more. This version does not support printer/ plotter dumps or libraries. Version 2.6, binary only. Author: George Vokalek FF158

Pcopy An intuition based disk copier for AmigaDOS disks featuring high speed diskcopy with write verify, data recovery from damaged tracks, full multitasking compatibility, and a user friendly interface. This is version 2.11, an update to version 2.0 on disk 243, with new data recovery routines and some minor bug fixes. Binary only. Author: Dirk Reisig FF383, FF243, FF151

PcPatch Patches for PCCopy and PCFormat from the EXTRAS disk, to allow reading, writing, and formatting of any kind of MS-Dos style disks, including 720K 3.5" diskettes. Binary only. Author: Werner Guenther FF218, FF163

PCQ A freely redistributable, self compiling, Pascal compiler for the Amiga. The only major feature of Pascal that is not implemented is sets. This is version 1.1c,. It is much enhanced and about four times faster. Includes the compiler source and example programs. Author: Patrick Quaid FF339, FF183

PcView Provides the PC community with the opportunity to display IFF pictures to the best of EGA's ability. Displays Amiga pics, IBM-PC Deluxe Paint Pics, Apple II-GS Deluxe Paint Pics, and others in the IFF standard format. Includes source. Author: John Hodgson FF164

PDC Publicly Distributable C (PDC) is a complete C compilation system including a compiler, assembler, linker, librarian, and numerous utilities, documentation files, libraries, and header files. PDC supports many ANSI features including all ANSI preprocessor directives, function prototyping, structure passing and assignment. In addition it supports Lattice C compatible libcall pragmas, precompiled header files, builtin functions, and stack checking code. This is version 3.33 and includes full source. Author: Lionel Hummel, Paul Petersen, et al. FF351

Pdc An optimizing C compiler for the 68000 processor. Major porting work was done by Jeff Lydiatt to get it to the point where it would compile and execute simple programs on the Amiga. This version now generates metacomco- compatible assembler source code, which can be assembled by the assembler also provided on this disk and then linked by the freely redistributable linker 'blink' (also provided). Includes all compiler source and some library and startup source code. Requires amiga.lib from developers kit to generate complete running example executables. Author: Matthew Brandt; major porting work by Jeff Lydiatt . FF110

PDScreen Dump C program which dumps Rastport of highest screen to printer. AM8

pdterm A simple terminal emulator that does ANSI or DEC VT-100 emulation in 80 cols by 25 lines. Version 1.21. Author: Michael McInerny FF14

PearlFont A font similar to Topaz, but with smoothed out edges and more rounded characters. Author: Michael Portuesi FF61

Pemacs Microemacs as enhanced by Andy Poggio. New features include use of <ALT> keys as Meta keys, default buffers on buffer switch, mouse support, higher priority to improve interactive response, creation of backup files, paragraph fill, word wrap, query replace, and support for function keys Author: Dave Conroy, enhancements by Daniel Lawrence FF22

pena One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

PennyWise An easy to use, flexible cashbook program using an Amiga Intuition interface. It can be used to keep track of the financial transactions of a cheque, bank, business, or similar account. Shareware, binary only. Author: Pierre A du Parte FF273

PenPalFont A font which will make your six year old feel right at home in a CLI window. Cute. Author: Burton Ogden FF73

people talking Sound demonstration icon-driven part of a set on AMICUS 10 AM10

PeopleCable IFF picture resembling an old BYTE cover. AM7

Pere-et-Fils Example of creating and using reentrant processes. Includes source. Author: Jean-Michel Forgeas FF105

PerfectSound Perfect Sound demo, with a sound editor and sample sound files. Looks very nice. Author: Anthony Wood FF50

Perl Practical Extraction and Report Language, an interpreted language optimized for scanning arbitrary text files, extracting information from those text files, and printing reports based on that information. Author: Larry Wall FF161

PersMait Demo version of shareware personal/ personnel file manager. Includes list processing, capability to run mailing labels, mail merge output feature, and more. Demo version is binary only and limited to input mode. Suggested donation of $24 for the 'real' version. Author: Breen and Associates FF67

PetCLI An AmigaBASIC program that allows editing in CLI command lines (similar to the PET and MYCLI). Includes source. Author: Peter Kittel FF71

PetersQuest This cute game has you, the intrepid Peter, following a trail of hearts through a world of 20 levels, riddled with porcupines and other hazards, to rescue Daphne, the love of your life that has been kidnapped by the evil Brutus. Version 1.0, binary only. Author: David Meny FF224

PETrans translates PET ASCII files to ASCII files. In C source code and executable. Documentation included. AM14

PeX A demo of the various graphics capabilities of the Amiga. Author: Unknown (no documentation included) PictureGarden Another demo, apparently in compiled basic. Author: Unknown (no documentation included) FF206

Piano Simple piano sound program. AM21

PickPacket PickPacket gives you a visual display of the DosPacket structures that are sent to handlers, and lets you see the results. You can actually perform handler operations such as open files, read or write data, Examine or ExNext locks, and so forth, all by talking directly to the file system handler involved using PickPacket. V1.0, with source. Authors: John Toebes and Doug Walker FF227

Pictures Miscellaneous pictures selected from dozens of pictures that have come my way since the last full art disk. Author: Rich Payne, Grace Rohlfs, and others. FF45, FF11

PigLatin Tired of the 'say' command? This one will translate and speak your input in pig latin! Author: Thomas Clement FF18

pigs Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Pilot An implementation of the PILOT language for the Amiga, including a demo done for the National Park Service. PILOT is a limited use language for use in educational and computer based instruction programs. Binary only with Beta test kit available from authors. Author: Terry LaGrone FF150

PinballConstSet.pic. A screen from Pinball Contruction Set in an IFF picture. AM6

pinwheel One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. It is not certain whether which of the two early basics this program used. FF13

pipe organ Sound demonstration icon-driven part of a set on AMICUS 10 AM10

PipeDevice A working 'pipe:' device, which allows the standard output of one process to be fed to the standard input of another process, with both processes running concurrently. Author: Matt Dillon FF55

PipeHandler An AmigaDOS pipe device which supports OPEN, CLOSE, READ, WRITE, LOCK, EXAMINE, and EXNEXT. Thus you can have 'named pipes'. It also supports 'taps' on a pipe, to capture all data flowing through the pipe. Version 1.2, includes source. Author: Ed Puckett FF84

Pipeline A game like the commercial game 'Pipe dream' (Pipe mania). Needs a joystick and PAL display. High scores are saved to disk. Version 1.0, includes source. Author: Andre Wichmann. FF358

PKAZip The PKWare ZIP tool for the Amiga. Provides functions to create, examine, extract, test, modify, display, and print files which are in the ZIP compressed format Uses a full Intuition interface with no CLI support. This is version 1.01, Binary. By PKWARE Inc, Amiga version by Dennis Hoffman FF318, FF311

Planets Some routines ported to the Amiga by Bob Leivian, that compute the location of the planets (as viewed from a specific point on the earth) and the phase of the moon, for an arbitrary date and time. With source. by Keith Brandt VIII, Jim Cobb, F. T. Mendenhall, Alan Paeth, Petri Launiainen, Bob Leivian FF321

Plasma A plasma cloud generator program that uses the extra halfbrite mode. Plasma clouds are a special form of fractal which show very smooth color gradations. Version 1.f, includes source. Author: Roger Uzun FF285

Plop Short, simple, no-frills IFF reader program, and a sample picture made using a ray tracing algorithm. Author: Jim Kent FF35

Plot A shareware 3D graphing program written in AmigaBASIC, with some sample output plots. Source available from author. Author: George Trepal FF121

Plot A 3-D function plotting program with provisions for coordinate translation on both axes, parametric equations, and standardized notation of the pow function (x^y — which now works as specified.). This is version 5.1, an update to version 4.1 on disk 175, with some enhancements and bug fixes. Binary only. Author: Terry Gintz FF389, FF175, FF49

Plot A package for making 2D and 3D plots conveniently. AG Baxter wrote the intuition interface program (Plot) and Tim Mooney wrote the MultiPlot and ThreeDPlot programs, which are called from Plot. This is version 1.2 and includes source to Plot. Author: AG Baxter, Tim Mooney FF231

Plot6 A star plotting program. Short on documentation and user friendliness, but interesting. Includes source. By Darrin West FF85

PlotData2D Plots data onto a custom user defined screen and window, reading the plot and screen/window definitions, along with the X and Y data pairs, from a disk file. Supports linear, log-log, and semi-log axis plots. The data can be plotted with lines, symbols, or both. Includes numerous example plots. Version 1.0, includes source in Fortran. Author: Robert C. Singleterry Jr. FF288

Plotter A two-dimensional mathematical function plotting program. Includes both PAL and NTSC versions. Version 3.71, includes source. Author: Rudiger Dreier FF376

PlotView A couple of programs, Plotview and Plot2Am, for viewing UNIX plot files. Also included are two subdirectories: Plot — a device independent plotting package for the Amiga, compatible with the UNIX plot subroutine package and Plot2Tek — converts UNIX plot format files to Tektronix 410x terminal graphic commands. Source included. Author: Joel Swank FF165

Plplot A library of C functions useful for scientific plotting on the Amiga. The library is Lattice C compatible. Contour plotting, three dimensional plotting, axis redefinition, log-log plotting and multiple subpages are a few of Plplot's features. The plots can be displayed on a monitor or sent to a graphics file for subsequent printing. This is version 2.6. This version includes a greatly improved intuition interface, preferences support for hardcopy, several new device drivers, and the capability of adding additional device drivers easily. Includes source. Author: Tony Richardson FF340, FF222

PlusCR Companion program to StripCR, it reverses the procedure. PlusCR produces a file ready for use on systems which require both the CR and LF characters to mark the end of a line (such as those running MS-DOS for example, includes source in assembly. Author: Bill Nelson FF237

PLW Phone-Line-Watcher. For users of Hayes compatible modems. Monitors the serial port and records all incoming calls. Allows a remote user to login, receive and leave a message, and transfer files via Zmodem in either direction. Two level DOS access, Disabled DOS-requestors and more. Greatly enhanced version of initial release on disk 363. Version 2.8, binary only. Author: Christian Fries FF372, FF363

pm A chart recorder performances indicator. AM11

pointerEd Pointer and sprite editor AmigaBASIC program. AM11

PolarView A planet view in an IFF picture. AM6

Police Simple police siren sound. ABasiC program. AM1

Poly A polygon drawing demo using the Area Move, Area Draw, and Area End functions Author: John Olsen FF52

Polydraw A drawing program written in ABasiC. Author: David Addison FF15

Polyfractals A fractal program written in ABasiC. Author: David Addison FF15

Polygon A moire type pattern generator but with color cycling. Author: TerryGintz FF49

PolySys An extended version of the 0L-system (string rewriting) described in The Science of Fractal Images (edited by Pietgen and Saupe). The basic algorithm has been expanded and modified extensively, and looping commands similiar to those found in other Turtle graphics systems (Logo, etc) have been added. Support for three-dimensional drawing, with perspective, is also included. Version 1.0, binary only. Author: Terry Gintz FF389

PolyRoot Another Polynomial root-finder using the Newtonian algorithm. Nicely done in AmigaBASIC with good documentation file. Version 2.00. Author: Jon Giorgini FF164

PopArt Intuition based image data generator and animator. Includes source. Author: Philip FF374

PopCLI Provides a simple way of starting another CLI at any time without having to load workbench or exit whatever program you may be using. Also has a built in screen saver mode that automatically blanks the Amiga console screen when there has been no input for a specified period of time. Version III with source. Author: John Toebes FF84, FF40, FF35, AM15, AM12

PopColours Lets you change the Red/Green/Blue components of any color register, on any screen currently in the system. Uses a movable window with slider gadgets. Very well done. Version 1.0, Nov. 1986. Author: Chris Zamara and Nick Sullivan FF43

PopDir A small utility which 'pops open' to help you look at the contents of a particular directory on demand. Version 1.6 with source. Author: Jonathan Potter FF287, FF204

PopInfo A small utility which 'pops open' to give you information about the status of your devices and memory. This is version 3.1,with source. By Jonathan Potter FF242, FF223, FF204, FF172

PopLife A PopCLI type thingie that instead plays life all over your screen. Lots of bits and pieces from Tomas Rokicki's blitlab and John Toebes' PopCLI. Includes source. By Olaf Seibert FF111

PopMenu A set of functions for the setting up, drawing, and handling of pop-up menus that are affixed to windows. Clicking on the menu box area will open up the full menu, with the list of menu items inside. Source and a sample program included. Author: Paul Thomas Miller FF368

PopScreen A small hack to pop a hidden screen to the front from the CLI. This was written to allow the author to use VLTjr with other programs that also use custom screens. Source included. Author: Stephen Vermeulen. FF326

PopUpMenu Example code implementing pop-up menus that are reasonably compatible with Intuition menus. Includes source. Author: Derek Zahn FF96

Porsche A Porsche in an IFF picture. AM6

Port2 Sample C program showing how to control a mouse connected to the second mouse/joystick port. Executable creates a second mouse pointer that is controlled by a mouse plugged into port 2. Version 1.0, includes source. Author: Olaf Barthel FF371

portar Portable archiver. Used to bundle text file up into a single file for transmission as a unit, or otherwise handling as a single file. 'Portable' because the code itself is portable and because the archive format is very simple (uses ASCII headers to separate files). From Decus C distribution. Author: Martin Minow FF2

PortHandler A sample Port-Handler program that performs the functions of the standard Port-Handler. Shows what the BCPL environment looks like from the handler point of view Author: John Toebus VIII FF20

potgo.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

PowerLOGO An experimental programming language based on Lisp and LOGO. It is versatile, highly interactive, organizes programs as collections of procedures, and includes lists as first-class data objects. Version 1.00, binary only. Author: Gary Teachout FF377

FREELY REDISTRIBUTABLE SOFTWARE

PowerPacker A shareware command and data cruncher, with a full intuition user interface. Executable files which are crunched are automatically decrunched upon execution, thus saving precious disk space on systems without hard disks. Version 2.3b, binary only. Author: Nico Francois FF253

PowerWindows PowerWindows aids in creation of custom windows, menus, and gadgets. It will write C or assembly source implementing these, for linking with your programs. Binary only. Author: Inovatronics Inc. FF71

PPLib A shared, runtime library to aid in the development of programs that need to decrunch files crunched with Power- Packer. Version 34.1 (release 1.1), binary only. Author: Nico François FF371

PPMore A 'more' replacement program that reads normal ascii text files as well as files crunched with PowerPacker. The crunched files can result in considerable disk space savings. Version 1.7, update to version on FF334, binary only. Author: Nico François FF371, FF334, FF302

PPrefs Preferable Preferences is a program designed to replace the standard preferences, that is shorter, more efficient, and easier to use. Binary only. Author: Jonathan Potter FF242

PPShow A 'show' program for normal IFF ILBM files or ILBM files crunched with PowerPacker. The decrunching is done auto- matically as the file is read. Version 1.2, update to version on FF334, binary only. Author: Nico François FF371, FF334

PPType A print program that will print normal ascii files or files crunched with PowerPacker. Several nice features such as page headers and numbers, adjustable tab sizes, page info taken from preferences and more. Version 1.1, binary only. Author: Nico François FF371

Pr A little utility to print listings in different formats. Similar to the UNIX 'pr' program. With source. By Samuel FF122, FF34, AM15

Prep Version 2.1 of a Fortran preprocessor called 'prep', an alternative to ratfor. Prep has better macro facilities, a concise shorthand for array and vector statements, all the standard flow control constructs of forth, and is written in generic, portable C (I made no source changes). Includes source. By Roger Ove FF65

PrFont Prints a sample of each font from the fonts: directory. Draws one line of each font on a custom hires screen, which can be printed. Version 1.3, includes source. By Joel Swank FF305

prinintr.c Sample printer interface code. C program. AM4

Print Small print utility designed to replace the 'copy <filename> to prt:' command. Opens a window displaying the filename being printed, length, and a status bar showing percent completed. Also includes an abort gadget. V1.0, binary. By Luciano Bertato FF184

print.support Printer support routines. Currently won't compile, missing a header file 'local.h'. Author: unknown FF5

Print1.2 Another CLI-based printing utility with several nice features including the ability to print in ASCII or HEX, with or without line numbers and a CTRL-C Trap. Includes source. Author: John F. Zacharias FF174

printer Printer pre-release copy of the chapter on printer drivers, from RKM 1.1. AM4

printer Shows how to open and use a printer, does a screen dump of the workbench screen if there is a graphics-capable printer attached. Currently does not compile under Lattice C Ver3.02 and does not link under Lattice C Ver3.03. By Rob Peck 12/1/85 FF5

Printer driver Text files for building your own printer drivers, including dospecial.c, epsondata.c, init.asm, printer.c, printer.link, printertag.asm, render.c, and wait.asm. AM5

PrinterStealer A program similar in function to 'Cmd' that allows diversion of output destined for the printer to a file for future output or debugging purposes. Binary only, source available from authors. Author: Alex Livshits and J-M. Forgeas FF95

PrinterTip A text file instruction for sending escape sequences to your printer. AM9

PrinText Program to display ASCII text files on the screen with scrollbar, arrow gadgets, automatic word-wrap, a search function, speech, IFF picture loading, and online help. Version 1.2, binary only. Author: Opher Kahane FF90

PrintHandler A custom PRT: driver which offers easy single sheet support as well as limited data spooling. Version 1.6, an almost entirely rewritten update to version 1.1 on FF282. Includes source in 'C'. Author: Olaf Barthel FF352, FF282

PrintIt A program to print IFF pictures on Epson compatible 9-pin printers. Prints in many resolutions, with many ways to convert color pics to black and white. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF234

PrintPop A utility to enable the user to send some common control settings to the PRT: printer device. When installed, a left-amiga F1 sequence will pop up a small window with various options. Includes source. Author: Robbie Akins FF108

PrintSpool A print-spooling program. Very useful for printing files in the background. Many command-line options. Version 1.0.0, Includes source. Author: Frangois Gagnon FF154

PrintSpooler EXECUTE-based print spool program. AM8

PrintStudio Very nice intuition-based general purpose print utility that prints text with a variety of options. Prints several graphic formats with yet more options. Print any part of a picture, print screens and windows, save screens and windows as IFF files, modify color palettes, change printing parameters and lots more! Version 1.2, binary only, shareware. Author: Andreas Krebs FF366

PrivHndlr A privilege violation handler for the 68010 cpu. Like Decigel, but survives a reboot so you can use it with copy protected programs that run from boot. Version 3, includes source in assembly code. Author: John Veldthuis FF230

Proc Example program of how to create a full-fledged DOS process without needing to call LoadSeg first. Based on an idea presented at BADGE. Includes source. By Leo Schwab FF236

ProCalc A program that simulates an HP-11C programmable calculator. Lots of enhancements and bug fixes in Version 1.2, binary only, shareware. Author: Gotz Muller FF172, FF139

proctest Sample code to create a process, set up message ports, pass messages, etc. Sample slave code for create process test (littleproc.c) currently does not link under either Lattice C 3.02 or 3.03 (unresolved global variables not in libraries) By Rob Peck FF5

proff Another text formatting program. This one is significantly more powerful than any of the others previously distributed on these disks. FF9

ProffMacros Subset implementations of the Berkeley 'ms' and System V 'mm' macropackages, for the proff program. Author: Tony Andrews and George Walker FF46

Profiler A real time execution profiler for Manx 3.30E. Using this you can identify what sections of your program are using the most time, or being executed the most, and optimize as appropriate. I was able to double the speed of some programs by using this tool. Includes source. Author: Tomas Rokicki FF48

ProgUtils Some miscellaneous programming utilities and examples. With source in assembly. By Jorrit Tyberghein FF302

PropGadget Example code for using proportional gadgets, written in assembly code and C, that can be called from your own application. Includes source. Author: Jerry Trantow FF269, AM21

ProSuite This is the Amiga Programmers Suite Book 1.01. The suite provides example code of facilities that every programmer needs (such as FileIO Requester), provides examples of new facilities (such as XText and DoRequest), and provides a tutorial on how to program the Amiga. With source. By R.J. Mical FF107

prtbase.h Printer device definitions. C program. AM4

PrtDriver A printer driver for the Toshiba '3 in one' printer in its Qume (best) mode. Includes source in C and assembler. By Rico Mariani FF128

PrtDrivers A couple of new Printer Drivers. One for Digital Equipment's LN03+ laser printer, and one for Mannesmann Tally's MT420d dot matrix. Authors: DEC LN03 — Bernie Mentink MT420d — Sascha Wildner FF164

PrtDrvGen Program to automatically generate custom printer drivers. Version 2.2b, binary only, source available from author. Author: Joergen Thomsen FF90, FF60

PrtDrvGen2.3 Latest version of a printer driver generator. AM22

PrtSpool A DOS handler, a print program, and a control program that implement a print spooling system. Like PRT:, the DOS handler waits for stuff to be sent to it to be printed. The print program does line numbering and page headers. The control program handles administrative functions. Binary only. By Daniel Barrens FF216

Ps A program to display process priorities and another program to set a process's priority to any arbitrary valid value. Very useful to provide finer control over your multitasking environment. Author: Dewi Williams FF26, AM11

PsIntrp A postscript interpreter that reads postscript files and previews them on an Amiga screen. Interactive input and output takes place in a small window. The page to be show is composed behind the window in an interlaced screen with 16 colors. Can also take input from a file. With assembler source. By Greg Lee FF101

PSound SunRize Industries' sampled sound editor & recorder. AM15

PtrAnim Program, includes lots of samples, a utility program and instructions on creating your own animations. Be sure to also read the 'Disclaimer' in the author's ReadMeFirst file. Binary only, shareware Author: Tim Kemp FF170

Purty Provides an easy way to change some common printer settings via a small window with several gadgets. Binary only. Author: Charles Tyson FF66

PushOver A neat little board strategy game, in AmigaBASIC. Push your pieces onto the board until you get five in a row in any direction. Includes source. Author: Russ Yost FF122

PUZZ Very nice implementation of the sliding-block-puzzle concept. Good graphics and the ability to create your own puzzles using an IFF ILBM file and a text file. Includes source and several sample puzzles. Version 1.0. Author: Martin Round FF362

Puzzle Simulation of a puzzle with moving square tiles. Executable only Author: Bill Beogelein FF32

PuzzlePro Create a puzzle from an IFF picture, which the user can then piece back together again. Written in AmigaBASIC. Version 1.0, binary only, shareware, source available from author. Author: Syd Bolton FF122

PWDemo Demo version 1.2 of the commercial product. FF71

PW_Utility A shareware utility for ProWrite users, changes margin settings and font types. AM25

Pyro A screen blanking program that goes beyond the normal blanking process. When there are no input events, pyro takes over and starts a little fireworks display in color. V1.1, binary only. Author: Steve Jacobs and Jim Boyd FF199

Pyth A program to draw the Tree of Pythagoras. Version 1.1, includes source. Author: Andreas Krebs FF238

Pz15 Computer version of those cheap plastic puzzles with 15 white tiles numbered 1 through 15 and an empty square in a 4 by 4 arrangement. This one is more challenging since you can't solve it by just prying out the pieces. With source. By Mike Hall FF191

QBase Quick-Base is a 'MailBase Management utility', that lets you define and maintain records of your family, friends, and other associates. Currently a maximum of 200 records per file. Binary only. Author: Kevin Harris FF98

QMan Mandelbrot generator written partially in assembly for speed. Includes source. Author: Steve Bonner FF130

QMouse A very small mouse accelerator (4K) written in assembly language, but with most of the features of its larger cousins. Not related to QMouse on disk 49. This is version 1.6, shareware, binary only. Author: Lyman Epp FF262, FF49

qsort.asm UNIX compatible qsort() function, source and C test program. Assembler program. AM2

Qt2 A cute program that gives the time the way many people actually do, I.E. 'it's nearly ten to five'. Includes source in assembly. By Charlie Gibb FF186

Quattro Another Tetris like program. Has three levels of play difficulty, sound effects, a 43-color background, next stone preview, and joystick or numberpad control. Version 1.0, binary only, source available from author. Author: Karl-Erik Jenss FF230

QueryAny Simple program for use in CLI scripts to query for yes/no decisions. Includes assembler source. By Mark Smith FF79

queryWB asks Yes or No from the user returns exit code. Source code and executable program. AM14

quick A quick disk-to-disk nibble copier. Executable program and documentation. AM12, AM1

QuickCopy Three versions of quickcopy, a nice little full diskcopier. Two of the versions are capable of making backups of 'protected' Electronic Art's disks. By Dave Devenport FF35

quickEA Program copies Electronic Arts disks, removes protection. Executable program and documentation. AM12

QuickFlix An IFF slideshow and cel animation program that takes full advantage of the Amiga's multitasking operating system, supports all the graphics modes, can run with internal timing or be triggered by an external source, caches images in memory to achieve rapid frame rate, etc. V 0.13, binary, shareware. By Jeff Kunzelman, Rodney Iwashina, Takeshi Suganuma FF106, AM24

QuickHelp A utility that helps you make and display your own help files for commands. Disk space usage is minimized by using PowerPacker to crunch the help files. Version 1.2, binary only. Author: Jorrit Tyberghein FF302

QView A very small file view program (only 3K) written in assembly language, but with most of the features of its larger cousins. V 1.1, shareware, binary only. By Lyman Epp FF262

RadBoogie This demo, which won 7th place in the 1989 BADGE Killer Demo Contest, uses almost all features of the Amiga extensively, including the copper, blitter, sprite hardware, 68000 machine language, and preemptive prioritized multitasking. With source. By Dave Quick, Mark Riley, Tomas Rokicki FF269

RainBench Simple program which cycles the hardware color register to get an interesting effect on your workbench screen. Binary only. Author: Brendan Keliher FF90

RainBow Marauder-style rainbow generator. Installs a user copper list such that the background color is changed every few scan lines. Includes source. Author: John Hodgson FF58

RAMCopy A copy program designed for machines with 1 meg or more of RAM and only one disk drive. Allows you to copy a complete disk in only one pass. Author: Stephen Gunn FF165

RAMdisks Text file with tips on setting up your RAM disk. AM1

RAMSpeed Program to measure raw memory speed, comparing the internal to the external memory. By Perry Kivolowitz FF31

Random Random number generator in assembly. Much faster than versions using floating point. Can be used by either assembly or C programs. Author: Steve Beats at Commodore-Amiga FF20

Random Simple random number generator in C. Includes source. Author: Gene Toole(?) FF74

random-circles One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

RandSam Plays random soundsamples at random times, with random volume, random cycles, and a bit random period. It will definitely catch the attention of the unsuspecting Amiga user (particularly one that has the stereo turned up!) when a lion suddenly roars as they're typing away on their favorite word processor! User modifiable start-up configuration file. Include source and some sample sounds. Author: Steven Lagerweij FF363

RatMaze 3D rat maze game in AmigaBASIC. AM8

raw Example sample window I/O. C program. AM1

RawIO Example of how to set your standard input to what is commonly known as 'raw' and/or 'CBREAK' mode on UNIX systems. Includes source. Author: Chuck McManis FF85

RayTracePics Ray tracing pictures, some of which appeared on FF39, but now in IFF HAM format for MUCH faster loading and compatibility with existing IFF tools. Author: Dave Wecker FF44

RayTracer A simple ray tracing program. It is capable of depicting up to 150 balls and a plane that is covered with a tiling of any bit mapped picture. Binary only and sparse documentation. Author: Friedrich Knauss, Steve Williams, Jim Horn and Mark Reichert FF66

RCS The Revision Control System (RCS) manages multiple revisions of text files. RCS automates the storing, retrieval, logging, identification, and merging of revisions. RCS is useful for text that is revised frequently, for example programs, documentation, graphics, papers, form letters, etc. This is RCS version 1.2, and includes source (the source to the GNU diff program used with this distribution of RCS can be found on disk 281). Author: Walter Tichy. Amiga port by Raymond Brand. FF282

Readme One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

ReadmeMaster A nifty little database for finding those programs that you know exist somewhere (???) in the AmigaLibDisk library. Maintains a keyword dictionary of the Contents descriptions that allows searching by disk number, program title, author's name, or some other descriptive word. Currently supports disks 1-360, an update to the version on disk number 163. Binary only. Author: Harold Morash FF390, FF163

Record-Replay A program that records a sequence of mouse and keyboard events as they occur and stores them in a file. The file can be played back to cause the same sequence of events to occur again. Very useful for creating demonstrations of programs or documenting repeatable bugs. This is version 2.0, an update to the version on disk 95. Shareware, binary only. Author: Alex Livshits and J-M. Forgeas FF105, FF95

RecurDir A recursive directory program that is useful as an aid in ZOOing files in nested directories. Allows one to easily ZOO the complete contents of a disk. With source. By Stephen Vermeulen FF284

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ReDate Scans a disk and dates each directory according to the most recent item contained within (not including .info files). Ideal for use after a COPY ALL CLONE, where the directories are CREATED rather than copied and thus lose their date information. Includes source in assembler. Author: Jim Butterfield FF358

Regex An Amiga shared library version of the GNU regular expression package from the Free Software Foundation. A regular expression is a concise method of describing a pattern of characters in a string. By use of special wildcards, almost any pattern can be described. A regular expression pattern can be used for searching strings in such programs as editors or other string handling programs. Version 1.0, includes source. Author: Edwin Hoogerbeets, FSF, Jim Mackraz FF248

Regexp A nearly-public-domain reimplementation of the V8 regexp(3) package. Gives C programs the ability to use egrep-style regular expressions, and does it in a much cleaner fashion than the analogous routines in SysV. With source. By Henry Spencer FF179

regintes.c Region test program. C program. AM4

region Demonstrates how a drawing area can be split into linked rectangular regions. Draws a rectangle in a single playfield display, then draws 'Behind a Fence' several times behind an apparent fence in the rectangle. Only works under Lattice Ver3.03. Author: Rob Peck FF5

RemapIcon A utility to remap icons to be exchanged between Kickstart 2.0 and Kickstart 1.2/1.3 Workbench environments. The icon images are remapped to reflect the different colour palette used by the Workbench releases. Version 1.0, includes source. Author: Olaf Barthel FF372

REMCR V1.00 Utility to remove CR's in files FF168 & 169

RemLib Removes a specified library (if currently unused) or displays some information about all available libraries. Version 1.11, includes source in assembler. By Heiko Rath FF178, FF139

RemoteLogin A couple of programs which make possible remote access to your Amiga. One program checks the serial port for an incoming call, and starts a program when it is detected. The other is a password protection program which allows starting various programs based upon login id, thus providing some minimal security for your computer. With source. By Dave Kinzer FF247

RepString Nice little CLI utility to replace any type of string in any type of file with another string of any type. V1.0, binary only, shareware. By Luciano Bertato FF180

Requester A file name requester that looks like the one used in Deluxe Paint, and a sample program for using the requester. With source. By Kevin Clague, enhancements by Randy Finch FF84, FF34, AM9

requesters Sample program and documentation for building and using requesters. John worked REAL hard to dig out all the information in this one! Author: John Draper (aka 'crunch') FF1

ReSourceDemo A demo version of ReSource, an interactive disassembler for the Amiga. This is a complete version except that the 'save' features have been disabled. This is version 3.06. Binary only. Author: Glen McDiarmid FF232, FF192

Retab Useful command-line 'tab-to-space' and 'space-to-tab' expansion utility. Several command-line options to specify size/settings and the ability to protect material enclosed by delimiters (quotes, brackets, carats, etc.) from expansion. Version 1.03, binary only. Author: Paul Klink FF389

RevBut Another InputEvent hack, giving you a toggling right mouse button. V 1.0,with source. By Michael Balzer FF332

Reversi Plays the classical reversi game on an 8 x 8 square field. Version 2.0, an update to version 1.2 on disk 245. Includes source in assembly language. Author: Marc Fischlin FF305, FF245, FF38

RexxArpLib A library which originally was supposed to be an ARexx interface to the ARP library. However, it has also become an interface to various Intuition functions, containing over 50 functions including a file requester, string/boolean requester, environment variable functions, simple message window, wildcard expander, etc. V2.3, an update to FF178. Binary only. Author: W.G.J. Langeveld FF227, FF178

RexxHostLib This is a shared library package to simplify the ARexx host creation/management procedure. Rexx-message parsing is also included making it possible to control ARexx from programs such as AmigaBASIC (can you imagine AmigaBASIC controlling AmigaTeX?). This is version 34.12 which has been recompiled and made a lot shorter using Aztec 'C' 5.0, an update to version 1.6 on FF325. Includes source. Author: Olaf Barthel FF355, FF325

RexxMathLib A library which makes various high level math functions such as sin, tangent, log, etc, available in ARexx. V1.2 and 1.3, binary only. Author: W.G.J. Langeveld FF227

RexxPlPlot A library of C functions useful for scientific plotting on the Amiga. The library is Lattice C compatible. Contour plotting, three dimensional plotting, axis redefinition, log-log plotting and multiple subpages are a few of Plplot's features. The plots can be displayed on a monitor or sent to a graphics file for subsequent printing. This is RexxPlPlot version 0.3, an update to Plplot version 1.00 on disk 222. New features include an ARexx interface, support for IFF output, support for PostScript output, support for Preferences, some new functions, bug fixes, and more. Includes source. Author: Tony Richardson, Samuel Paolucci, Glenn Lewis and Tomas Rokicki FF306

rgb One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

rgbtest One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Rhodes piano Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Ripples This animation is one of Allen Hastings' entries to the Badge Killer Demo Contest. Unlike most other animations, it shows a fixed object from a moving point of view, rather than a moving object from a fixed point of view. By Allen Hastings FF127

RistiNolla A Finnish game. The name means something like CrossZero, and is also called Go-Moku. Version 1.0, shareware, binary only. Author: Mika Pihlajamaki FF106

RKMCompanion A two disk set of material created by Commodore for use with the 1.3 revison of the Amiga ROM Kernel Reference Manual, Libraries and Devices, published by Addison-Wesley. Almost 300 files, including C source code examples and executables, have been packed into two lharc archives, one for each disk of the two disk set. These examples are not public domain, but may be used and distributed under the conditions specified in the copyrights. Author: Commodore Business Machines, Inc. FF344

RoadRoute Revision of trip planner program to find best road route between any two points of travel. The user is encouraged to customize files CITIES and ROADS to suit travel interests. This is version 1.5, an update to the original version on FF 251, and makes provision for very large city menus and itineraries. You might like to use files from FF328 (Mayes/Delzer). Also includes RoadScan, a checker for RoadRoute files (CITIES and ROADS). Very large files may contain goofs (cities with no roads, the same road entered twice, etc.), or oddities (direct road not as fast as multi-point). These are pointed out, together with areas where users might wish to make economies in the data base. Includes source in C. Author: Jim Butterfield FF358, FF328, FF251

RoadRoute A trip planner that takes a list of cities and a list of known routes between cities, and generates the distance and time required to reach your destination. An update to FF 251, with an expanded datebase of cities and roads for New Mexico, Texas, Oklahoma, Kansas, Nebraska, South Dakota, Louisiana, Arkansas, Missouri, Colorado and Mississippi, added by Fred Mayes and Gary Delzer. Includes source. By: Jim Butterfield, Fred Mayes, Gary Delzer FF328, FF251

Robert Grey scale digitization of a startled young man, an IFF picture. AM7

Robot A picture of a robot arm grabbing a cylinder. AM12

Robot IFF picture of toy robot. AM7

Robotroff Another of Leo's cute little display hacks. This one has a definite attraction to pointers (don't want to spoil the surprise) Author: Leo Schwab FF59

Rocket Another program in the long tradition of screen hacks. This one zeroes in on your mouse pointer. Binary only. Author: Lars Clausen FF303

Rocket Another interesting Workbench display hack. This one is really a game in disguise. It is the same as the one on FF82, but also includes source. Author: Peter daSilva FF85, FF82

roff A 'roff' type text formatter, roughly following 'Software Tools' version. Somewhat upwardly compatible with UNIX 'nroff' command. Author Ken Yap FF3

RolandD110 A program to transfer sound samples between the Amiga and a Roland D-110. Version 1.0, binary only. Author: Dieter Bruns FF255

RolandS220 A program to transfer sound samples between the Amiga and a Roland S-220. This is version 2.0, an update to MIDIsoft version 1.0 on disk 199. Includes several enhancements. Binary only. Author: Dieter Bruns FF255

RollOn A Soko-Ban like shareware game, submitted by the author. Includes both English and German versions, a level editor, and digitized sounds. Version 1.1, binary. By Tobias Eckert FF302

ROMWack Text files with tips on using ROMWack. AM1

ROR AmigaBASIC boggling graphics demo. AM8

ror One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Rord One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Roses A program that draws sine roses. Implements an algorithm given in the article 'A Rose is a Rose ...' by Peter M. Maurer in American Mathematical Monthly, Vol 94, No. 7, 1987, p 631. A sine rose is a graph of the polar equation 'r = sin(n*d)' for various values of n and d. By Carmen Artino FF345

ROT C version of Colin French's AmigaBASIC ROT program from Amazing Computing. ROT edits and displays polygons to create three dimensional objects. Up to 24 frames of animation can be created and displayed. E-D AM18

Rot Program which generates and displays 3D objects. Consists of two pieces, an object editor and an action editor. The object editor creates 3D objects and the action editor defines up to 24 3D views of an object (which can be quickly cycled to get an animation effect). Version 0.5, binary only. By C. French FF71

RPSC A reverse polish scientific calculator. RPSC is a programmable RPN calculator in the Hewlett-Packard tradition. It supports operations with real numbers, complex numbers, matrices, and 3-D vectors, as well as storage and recall of labeled variables. Data and programs may be saved, loaded, or written as ASCII text, to AmigaDOS files. V1.1, binary. By Gary Teachout FF250

RSLClock Yet another nice little clock utility that can sit around in your title bar. Lots of options. Version 1.3, binary only. Author: Roy Laufer FF67

RTCubes A little graphics demo that shows 16 3D cubes in a 3D space, all being translated, rotated, and drawn on the screen in real time. Binary only, takes over the machine, reboot to recover. Author: Ralph Russell FF67

Rubik Another 3D Rubik's cube solver independantly authored from the version on disk #285. Version 1.0, includes source. Author: Martin Round FF362

Rubik Translation to C of a Rubiks Cube solver program originally written in Basic by John Murphy. Includes versions to do an 'unwrapped' 2D solution, and a more visual 3D solution. Version 0.0, includes source. Author: Roger Uzun FF285, FF29

RunBack Allows you to start a new CLI program and run it in the background, then closes the new CLI. This is version 6, an update to the version on disk 152 (the version on disk 214 appears to be on a different evolutionary path). This version compiles under Lattice with many optimizations enabled, and can be made resident. Includes source. Author: Rob Peck, Daniel Barrett, Greg Searle, Doug Keller FF240, FF214, FF152, FF65

RunBackGround Ancient history, but when I went looking for it on my disks, it was apparently something I missed. This program performs a function similar to that performed by RunBack on FF66, but this one is in C rather than assembler. Includes source. Author: Rob Peck FF73

Rxil An ARexx interface library that makes it easy for programs to implement a complete, robust ARexx interface with minimal effort. Version 1.0, includes source. Author: Don Meyer FF299

S220to8SVX Converts sound samples from a Roland S-220/S-10/MKS-100 to 8SVX IFF 8-bit samples. Version 1.0, binary only. Author: Dieter Bruns FF286

Sabotage Sort of an adventure game. ABasiC program. AM3

sabotage One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SafeBoot Very handy intuition-based program to read and save custom bootblocks. The bootblock can then be later restored should the disk become virus-infected. Version 2.2, binary only. Author: Mark Lanoux FF175

SafeMalloc Ever have a program that corrupts its own memory? Well, this little gem can help you find the problem in a hurry. Acts as an interface between your program and the real malloc, checking for overrun, under run, and duplicate freeing of malloc'd space. Author: Bjorn Benson, modifications by Fred Fish FF27

salestalk One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Sam Another IFF sound player with several command-line options, plus several samples. V1.0, binary. By Nic Wilson FF182

Samp Documentation and interface library for an IFF FORM SAMP, 16-bit sampled sound file format. This format allows more than one waveform per octave, and the lengths of different waveforms do not have to be factors of 2. Includes a utility to convert 8SVX files to SAMP format. Version 1.0, binary only. Author: Jeff Glatt FF307

SAMP An IFF sampled sound format designed for professional music use. It can be used for 16-bit samples, multiple waveforms, etc. Includes a SAMP reader/writer shared library, interface routines, and programming examples. Includes a pro-gram to convert 8SVX to SAMP. By Dissidents Software FF348

samplefont A sample font that produces clubs, hearts, spades, and diamonds as its four characters. Shows precisely what is contained in an Amiga font. Author: Unknown FF5

SampleScanner By-passes the Amiga Dos file system and scans a disk directly, block by block, for sound samples. Allows you to hear the disk as it is being scanned. If a sample is found, it can be saved to disk for editing, direct use, etc. Author: Steven Lagerweij FF363

Sand This program has 'magnetic grains of sand' that follow the pointer wherever it goes. Cute. Binary only. Author: Eric Vaughan FF82, AM21

SASTools Various submissions from 'Sick Amiga Soft'. Includes some virus tools, some screen hacks, some small games, and miscellaneous utilities. Includes source in assembly and Modula-II. Author: Jorg Sixt FF338

Saturn An IFF picture. AM6

Saucer Simple shoot-em-up game. ABasiC program. AM1

SaveILBM This program saves any screen as an IFF pic. Executable program and documentation. AM8, AM7

saxophone Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Sb Structure browser, that displays system structures via pointers found in other structures. You start from IntuitionBase and go from there. Version 1.0, includes source. Author: Nick Sullivan and Chris Zamara FF69

SBProlog Volume 2 of the 2 volume Stony Brook Prolog (SBP) distribution, version 2.3.2. This volume contains the C and Prolog source code. Volume 1, on FF 140 contains the executables and libraries. From the SB-Prolog System, Version 2.2 User Manual: 'SB-Prolog is a public-domain Prolog system for UNIX(tm) based systems originally developed at SUNY, Stony Brook. The core of the system is an emulator, written in C for portability, of a Prolog virtual machine that is an extension of the Warren Abstract Machine. The remainder of the system, including the translator from Prolog to the virtual machine instructions, is written in Prolog.' In addition to providing a compiler, SB-Prolog also offers advanced features such as dynamic loading, mixing of compiled and interpreted code, macros, extension tables, a debugging facility offering two levels of tracing, profiling tools, and other utilities. Authors: Logic Programming Group at SUNY, Stony Brook Amiga port by David Roch and Scott Evernden FF141

SBProlog V1.a Volume 1 of the 2 volume Stony Brook Prolog (SBP) distribution, version 2.3.2. This volume contains the executables and libraries. Volume 2, on FF 141, contains the C and Prolog source code. From the SB-Prolog System, Version 2.2 User Manual: 'SB-Prolog is a public-domain Prolog system for UNIX(tm) based systems originally developed at SUNY, Stony Brook. FF140

SBProlog V1.b The core of the system is an emulator, written in C for portability, of a Prolog virtual machine that is an extension of the Warren Abstract Machine. The remainder of the system, including the translator from Prolog to the virtual machine instructions, is written in Prolog.' FF140

SBProlog V1.c In addition to providing a compiler, SB-Prolog also offers advanced features such as dynamic loading, mixing of compiled and interpreted code, macros, extension tables, a debugging facility offering two levels of tracing, profiling tools, and other utilities. Authors: Logic Programming Group at SUNY, Stony Brook Amiga port by David Roch and Scott Evernden FF140

Sc Program which demonstrates generation of good looking pseudo-random scenery. Includes source in C (translated from Draco version on FF61). Author: Chris Gray FF87

Scales Sound demo plays scales, C program in C source code and executable program. AM3

scales Demonstrates use of the Audio functions in the ROM to produce four voice sounds. It uses a simple waveform (sawtooth) with no amplitude control (ie, envelope) or frequency variation (ie, vibrato), but these can be easily implemented. Also includes considerable documentation on audio device. By Steven A. Bennett FF6

ScanIFF Scans through an IFF file, identifying the elements. Faster than standard utility IFFCheck since it uses Seek, but does not do IFFCheck's detailed format checking. Intended for use as a template from which

programmers can code their specific application. For example, an expanded version has been used to extract instrument data from music files. Includes source in assembler. Author: Jim Butterfield FF358

Scanner Scanner makes commented C code of all intuition structures in memory. The structures will receive correct pointers towards each other. Scanner starts looking at IntuitionBase, and follows all pointers, storing them in memory. When finished, it writes all the structures to the standard output. Version 1.0, includes source. Author: Stefan Parmark FF218

Scanning the Screen: Part four in the fractals series. This article covers drawing to the screen. In AmigaBASIC and TrueBasic. Author: Paul Castonguay. AC7

Scat Another display hack, created from Le, AM180 Schwab's 'Ing' display hack. Binary only. Author: Stephen Pietrowicz FF81

SCAT V1.00 Utility to 'cat' binaries without blowing up the display FF168 & 169

SceneGenDemo Demo of a program called Scene Generator, that generates very realistic looking landscapes. This program is an enhanced, low cost commercial version, of the Scenery program included on disk 155. This is version 2.03, binary only. Author: Brett Casebolt FF299

Scenery A very nice assembly language random scenery generator. Generates very realistic looking landscapes. Includes intuition interface and lots of menu options. Version 1.0, binary only. Author: Brett Casebolt FF155

Scheme 'Scheme is a statically scoped and properly tail-recursive dialect of the Lisp programming language invented by Guy Lewis Steele Jr. and Gerald Jay Sussman.' Binary only. Amiga port by Ed Puckett FF149

SclenceDemos Some science demos. Sidereal is a tutorial program which introduces the user to the relationships between Julian and calendar dates and solar and sidereal times. J2000 is a utility program which converts stellar positions, proper motion, parallax and radial velocity from the standard epoch B1950 (FK4) to epoch J2000 (FK5). Galilean is a tutorial program which determines the position of the Galilean satellites relative to Jupiter. Programs courtesy of David Eagle at Science Software. FF27

SciSubr The Scientific Subroutine Package from DECUS, ported to the Amiga to run with Absoft Fortran. This is a valuable resource of mathematical and statistical source code for those doing Fortran work on the Amiga. Author: Unknown; ported to the Amiga by Glenn Everhart FF142

SCM Screen Color Modifier. A palette program that allows the changing/saving/loading of a screen's colors. Includes a separate loader program that can be used in batch files to set a screen's colors to predefined values after a program has been launched. Version 1.0, binary only. Author: Jean-Marc Nogier FF367

ScnSizer Sets the preferences data for increasing the window bounds, and takes effect immediately. Includes source. Author: Thad Floryan FF79

ScottDevice A mountable MicroForge SCSI driver. Supports one SCSI buss device with two hard disk units attached to it. Version 33.1, includes source. Author: Scott Turner FF84

Scrambler A simple program that will encode/decode a text file into illegible gibberish, which resembles executable code, to evade prying eyes. Version 0.01, Binary only. By Foster Hall FF148

ScreenDump Dumps rastport of highest screen/window to printer. Author: Carolyn Scheppner FF33, AM8

ScreenSave A program to save a normal or HAM mode screen as an IFF file. Also creates an icon for the saved file. Author: Carolyn Scheppner FF55

ScreenShare A library and support programs that enable applications to open up windows on other applications' custom screens. For example, your editor may want to open a window on your terminal emulator's screen so you can compose a message while still being able to see the contents of the terminal's screen. Both applications must cooperate for the screen sharing to work. This is version 1.21. Includes source for interface portions. Author: Willy Langeveld FF308, FF246

Screenshift Screenshift is a small program that allows you to adjust the position of the screen on your display, just like the preferences function. Works from CLI or WorkBench. Includes source. Author: Anson Mah FF89

ScreenX A handy little background utility that provides a small clock/memory counter in its inactive mode and a versatile screen manipulator when called upon. Binary only with source available from author, Version 2.1. Author: Steve Tibbett FF158

ScreenZap A utility that forcibly removes screens and windows from your system. Useful to get rid of zombie screens or windows that have been left around by aborted or buggy programs. This is version 2.3 and includes source. By Lars Clausen FF303, FF157

Scrimper Short for 'SCReen IMage PrintER'. A screen dump utility which can be run from the workbench or the CLI. Author: Perry Kivolowitz FF18, AM8

Scripit A script language that allows you to automate actions you would normally have to do manually. Scripit can do anything that you do manually, by either the mouse or keyboard, by using a set of commands that instruct Scripit to simulate specific mouse or keyboard actions. Also has an ARexx port, so it can be driven by ARexx allowing ARexx control over programs that do not have ARexx ports. Includes both a recorder to generate scripts and a player to execute them. This is version 1.20, binary only. FF288

ScrollDemo Demonstrates the text scrolling capabilities of AmigaBASIC. AM9

ScrollPf Creates and displays a 400 by 300 by 2 bit plane playfield on top of a 320 by 200, 2 plane deep playfield, as a demo of dual playfield display. Author: Carolyn Scheppner FF35

SCT A CLI-based utility (SetColorTable) for displaying and/or setting a screen's colors. You can save the colors of a screen to be restored later, or copy one screen's colors to another. Includes source. Author: aklevin FF151

Sdb Simple database program, originally released on aDECUS VAX SIGtape. Unknown author, Amiga port by Mic Kaczmarczik FF33

SDBackUp A hard disk backup utility. CLI interface only. Does file compression. Version 1.1, binary only. Author: Steve Drew FF128, AM26

SeaHaven Demo version of a solitaire type card game. The object of the game is to separate the deck into its four suits, each in an ordered stack from ace to king. Version 1.1, binary only. Author: Steve Francis FF260

Search Utility: A file search utility written in C. Author: Steven Kemp AC6

Sectorama A program designed to help Amiga users recover lost or damaged data from floppy or hard drives, or to repair a damaged volume. The author wrote this out of frustration with existing tools when he had multiple hard disk drive failures over the course of several months. This is version 1.1, an update to the version on disk 102. Binary only. Author: David Joiner FF108, FF102, AM24

Sed This is the GNU sed (stream editor) program, ported to the Amiga. Sed copies the named files, or the standard input, to its standard output, while performing certain editing operations specified in the command line script or in a scriptfile. Version 1.02, includes source. Author: Unknown, ported to Amiga by Edwin Hoogerbeets FF231, FF128

SeeHear A program to do a spectrogram of a sampled sound file. This is a graph with time on one axis, frequency on the other and the sound intensity at each point determining the pixel color. With source in C, including FFT routine. This is version 1.1. Author: Daniel T. Johnson FF335

Selector A program that helps you assemble programs on a boot disk and start them in a user friendly way. Version 2.5, binary only. Author: Nico Francois FF302

SendMorse Brush up on your morse code with this simple program that will read an input textfile and output the characters at an adjustable rate. Author: Joe Larson FF175

SendPacket General purpose subroutine to send AmigaDOS packets. Author: Phillip Lindsay FF35

SendPackets Updated versions of the ASendPacket and SendPacket examples from FF35. A SendPacket is an example program for sending multiple packets asynchronously to a DOS handler, for those interested in implementing programs with asynchronous AmigaDOS file I/O. SendPacket is a general purpose subroutine to send AmigaDOS packets. Includes source. Author: Phillip Lindsay FF66

SensoPro You try to remember and mimic the sound/color sequence played by the computer. Each time you get it right, another sound/color is added to the sequence. Great practice in case you ever find yourself in a 'Close Encounters of the Third Kind' experience. Binary only. Author: Peter Handel FF283

Sentinel A large ray-traced animation created with Turbo Silver SV, Deluxe Photolab, Deluxe Paint III, and the Director. It consists of approximately 60 to 70 frames of animation, rendered during a period of about three and a half weeks. This is Bradley Schenck's entry to the 1989 BADGE Killer Demo contest, and won first place in the contest. Because of its size, it has been split across two disks. The rest of the files are on disk 264. Requires 3Mb or more of memory to run. Author: Bradley Schenck FF263 & 264

serial Demonstrates access to the serial port. Requires an external terminal connected to the serial port. Author: Unknown FF5, AM5

serisamp.c Example of serial port use. C program. AM4

seritest.c tests serial port commands. C program. AM4

Set Replacement for the Manx 'set' command (to set or change environment variables) with several improvements Author: Tomas Rokicki FF31

SetAlternate Merge the images from two icons to produce one icon with a primary image, and a possibly completely different image to display when selected. By John Toebes VIII FF12, AM8

SetClock A utility to set or read the hardware clock on a Spirit Technology memory expansion board. Works in a manner similar to the SetClock utility which is supplied by Commodore with Amigas that have hardware clocks as standard equipment. Includes source in PCQPascal and assembler. Author: Willi Kusche FF390

SetCPU A program designed to allow the user to detect and modify various parameters related to 32 bit CPUs. Includes commands to enable or disable the text/data caches, switch on or off the '030 burst cache line fill request, use the MMU to run a ROM image from 32-bit memory, and to report various parameters when called from a script. V1.5, an update to FF187. Includes source. Author: Dave Haynie FF223, FF187

SetFont Allows you to change the system font with various command-line options. Cleans up all known bugs in FF75. V2.5, includes source in C++. By Dave Havnie FF182, FF75, FF41

setjmp.asm setjmp() code for Lattice 3.02. in Assembler. AM2

SetKey Keymap editor, version 1.0 demo. Version without save function disabled is $25. Binary only. Author: Charles Carter (CodeWorks)Vpg Video Pattern Generator. Creates displays useful for adjusting monitors and setting up live shots with center cross hair, frame, dots, H lines, V lines and an adjustable rectangle. Version 1.0. Author: Mike Berro FF70, AM18

setlace Program to toggle interlace mode on and off. When used with a black background, and amber or green characters, produces a nice CLI environment. By Bob Pariseau FF9, AM24, AM4, AM1

SetMouse2 Program to set the mouse port to either the left port or right port. Author: Robert Burns at Commodore-Amiga FF20

SetPALorNTSC A couple of utility programs for testing the suitability of a developed program in either the PAL or NTSC environments. With source and a sample program. By Peter Kittel FF162

setparallel Allows the CLI user to dynamically change any particular parallel port parameter. Author: Keith Stobie and Tom Pohor FF6, AM4

SetPrefs Allows you to build a whole library of preference settings and instantly switch back and forth between them. Affects all preference settings not just the colors. Very useful for machines with multiple users or multiple external devices. Includes Amiga's default and various sample preference settings. Binary only. Author: Martin Hippele FF157, AM18

SetSerial.c Set the attributes (parity, data bits) of the serial port. C program. AM4

SetWindow C program makes windows for a CLI program to run under Workbench In source code and as an executable. AM8

Sh Another version of the 'Sh' utility to unshar shell archives. Apparently corrects some problems encountered by similar programs. Until we can get everybody using some sort of 'standard', perhaps if we collect enough of these utilities, we will eventually find one that works with the particular archive we're trying to unshar! Includes source. Author: Jim Guilford FF174

shades One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

ShangaiDemo Demo version of the Activision game 'Shanghai'. Submitted directly by Activision for inclusion in the library. FF55

Shapes Simple color shape designer. ABasiC program. AM1

shapes One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Shar Two programs to pack and unpack shell archives on the Amiga. Shell archives are the traditional Usenet method of bundling multiple text files for posting as a unit or for sending via electronic mail. With source in C. By Fabbian G. Dufoe FF92, FF28

Shared Libraries 'C': C source and executable code that shows the use of shared libraries. Author: John Baez AC2

SharedLib Working example of how to build a shared library. Includes source. Author: James Synge FF79

SharpFont is an 8 pixel non-proportional font. FF105

shell A simple csh style shell with history and some other goodies. Still needs some polishing and enhancement, but is quite nice as it. Thanks Matt!!! We've really needed something like this for a long time. Now if you would just do a ksh version instead...Author: Matt Dillon FF14, AM2

SHELL V2.10 Added enviroment variable support and more. Use ConMan if you want command line editing, I do (it should not be a function of the shell and it isn't in mine). FF168 & 169

Shm A simple graphics demo which approximately simulates the motion of two interacting pendulums. Includes source. Author: Chris Ediss FF97

ShortCut A utility that collects keystroke sequences and allows you to replace them with a single key stroke. Binary only. Author: Opher Kahane FF90

Show A nice, very small slideshow type program, version 2.1, binary only. Author: Andry Rachmat FF60

Show A very versatile program to display IFF ILBM files. Features realtime unpacking scroll, smart analysis of any IFF file, total control over display modes, simple slideshow processing, pattern matching, and a dozen other options. Only 9K. Version 2.0, binary only. Author: Sebastiano Vigna FF323

showbig Executable program which will view hi-res pics in low-res superbitmap. Documentation included. AM12

ShowBiz A fun animation with mice, a dancing alligator, a sheep on a trampoline, and more. Includes source in 'director format'. Author: Robert Corns FF261

ShowDisk A useful program that graphically shows the map of sectors used on floppy drives by one or more files. The mapping is color coded so you can identify what sectors are used by the various directories and files. Includes source in assembly language. Author: Bernhard Meisner FF269

ShowHAM Program to display HAM (Hold And Modify) mode images from the CLI environment. Executable only. FF32, AM7

ShowILBM: A program that displays lo-res, hi-res, interlace and HAM IFF pictures. Author: Russell Wallace AC5, AM7

ShowPrint A full-feature IFF picture file screen dump utility. Can display and print all sizes of pictures including those larger than the screen. Allows adjustment of printer output in three modes: ASPECT, FULL, and CUSTOM output. Print vertically or horizontally, in B&W, grey scale, or color, etc. Binary only. Author: Brian Conrad FF90, AM16

ShowPt CLI program changes your pointer to a given pointer. AM26

Show_PrintII Views and prints IFF pictures, including larger than screen. AM22

Shuffle A basic screen shuffler. Re-defines the key combination Left-Amiga-M to push the FRONT screen to the back, instead of pushing the Workbench screen to the back. Includes source. Author: Rob Eisenhuth FF229

shuttle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM8, AM1

ShuttlePatch A shuttle mission patch in an IFF picture. AM6

SID A very comprehensive directory utility for the Amiga that supports at least a couple of dozen different commands for operating on files. V1.06, binary only. By Timm Martin FF338

sign. This is an updated version of the program released on FF12, and now includes full source. Author: Barry Whitebook @ Commodore-Amiga FF14

SignFont A keymap and font that will allow the user to be able to type in American Sign Language, provided that one knows the font. Author: Glyn Gowing FF211

SiliCon A smart input line interpreter that provides a separate command window with full editing and recall of previous commands. Actual name is 'Sili(Con:)'. Binary only. By Pete Goodeve FF102

Sim A simulator for register-transfer nets, which are used to describe hardware systems. This version also provides a compiler to define new devices in addition to Sim's internal devices. V4.2, an update to FF229. Binary only. By Gotz Muller FF291, FF229

SimCPM A CP/M simulator for the Amiga. Simulates an 8080 along with H19 terminal emulation. Includes source. This is V2.3, an update to FF109. By Jim Cathey; Amiga port by Charlie Gibbs and Willi Kusche FF186, FF109

SimGen This program will add a 2 or 4 color picture to your WorkBench screen. If the picture is digitized, it will look much like a genlock, hence the name SimGen (Simulated Genlock). Binary only. Author: Gregg Tavares FF243

SimpleReq An example of a custom requester from Modula-2. AM11

singlePlayfield Creates and displays a 320 by 200 by 2 bit plane single playfield display. Completely covers Intuition's display, but gives the system back at exit. Author: Rob Peck FF5

singplay.c Single playfield example. C program. AM4

Sit An update to the Set Icon Type program from FF 107. Version 1.10, includes source. Author: Stephen Vermeulen FF137

FREELY REDISTRIBUTABLE SOFTWARE

sitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Size CLI program shows the size of a given set of files. Executable program and documentaion. AM19

SizeChecker Size checker uses a list of possible sizes of a file to check for unexpected changes in the size of those files. For example, it can be used to spot a link virus or to point out changes in the configuration of your system. With the appropriate comments added to your size list, you can check to see what version of the files you are using (1.2, 1.3, 1.4, ARP, etc). Version 1.0, binary only. Author: Roger Fischlin FF244

Sizzlers A series of graphics demo programs. Version 1.7.0, binary only. Author: Greg Epley FF90, FF50, AM15

Skel A skeleton workbench application that makes writing workbench programs easier. Provides routines for main, initialization and termination, gadget and menu handling, argument processing, help window, about requester, etc. Version 1, includes source. Author: Joel Swank FF304

sketchpad One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SkewB Rubik cube demo in hi-res colors, C program in C source code and executable. AM3

skewb Not quite sure what this is supposed to be, it was downloaded from a BBS with no documentation. C'mon folks, at least put a three line description at the start of your programs! Author: Raymond S. Brand FF9

Skinny C Bob Riemersma's **example for making** small C programs. Source code, **executable program**, and documentation. AM19

SKsh A ksh-like shell for **the Amiga. Some** of its features include command **substitution, shell functions** with parameters, **aliases, local variables, local functions**, local aliases, **powerful control structures** and tests, emacs style **line editing and history functions**, I/O redirection, pipes, large variety **of built-in commands**, Unix style wildcards, Unix style **filename conventions**, filename completion, and **coexistence with** scripts from other shells. Very well documented. **Version** 1.6, an update to version 1.5 on **disk 370. Includes several** important **bug fixes and a few minor new features** such as **command line cut and paste. Binary only. Author**: Steve Koren FF381, FF370, **FF342, FF309, FF291**

skysetserial Allows the CLI user to dynamically change any particular serial port parameter. Author: Keith Stobie and Tom Pohorsky FF6

SlavicFonts A whole bunch of new fonts from Robin LaPasha. Version 1.0. Author: Robin LaPasha FF202

Slicer Slicer computes and displays images of the Mandelbrot and Julia sets. Unlike many Mandelbrot programs that generate pictures directly, Slicer computes and stores an array of raw data which it may then render into pictures in a number of ways. Version 1.0, binary only. Author: Gary Teachout FF249

SlideMaster A slideshow program that can show any IFF ILBM picture, including HAM, extra half bright, hires, interlace, and overscan, using several different wipes. Also has an ARexx port and is fairly small. Version 0.1, binary only. By Aric Caley FF274

slideshow Instructional text to produce your own slideshows from the Kaleidoscope disk. AM12

SlideShow Very nicely done slide-show program written in assembly language. Features forward/backward presentation and creative screen wipes. Currently works only with IFF lo-res pictures. Executable only along with some new IFF pictures to have come my way. Shareware ($16). Authors: Mike McKittrick and Sheldon Templeton FF151, AM6

slot A slot machine game written in AmigaBASIC. AM11

SlotCars A fast action one or two player game of 'dueling' slotcars. Shoot rockets at your opponent and avoid his. Binary only. Author: Brian Moats FF254

SM Small utility to center the display. Recoded version of 'ScreenShift' by Anson Mah (Disk 88), only half the size. Includes source. Author: Anson Mah, Lattice V5.04 recoding by Oliver Wagner FF390

SmallC An Amiga port of the Small-C compiler, written by Ron Cain and published in Dr. Dobb's Journal, in about 1980. Small-C is a rather small subset of the full 'C' language However, it is capable of compiling itself, and other small, useful programs. Requires an assembler and linker to complete the package and produce working executables. Includes source and binary. Author: Ron Cain. Amiga port by Willi Kusche. FF141

SmallClock A small digital clock in a window menu bar as a C program. AM8

SmallLib A replacement for amiga.lib that is about 8 times smaller. Binary only Author: Bryce Nesbitt FF92

SmartIcon This shareware program, submitted by the author, is an Intuition objects iconifier. Version 2.0 is still limited to iconifying windows, which is still very handy. It adds a new 'iconify gadget' to each window, that when clicked on, iconifies the window into an icon in the ram: disk. This is version 2.0. Includes source. By: Gauthier Groult FF316, FF214, FF134

Smith-Corona D300 Printer driver for the Smith-Corona D300. AM9

sMOVIE A smooth scrolling text displayer, useful for creating video titles, slide show intros, etc. Includes source. Author: Martin Round FF362

Smus3.6a An enhanced version of the smus player that last appeared on FF58 Author: John Hodgson FF167

Smush Another display hack, feed it an IFF file and see what happens. Binary only. Author: Hobie Orris FF81

SMUSPlay Amiga Music Player AM23

SmusPlayers Two SMUS players, to play SMUS IFF music formatted files. Executables only. Author: John Hodgson FF58

SNAG_Pointers Results of the Southern Nevada Amiga Groups (SNAG) first animated pointer contest. Authors: Various, pointer animation program by Tim Kemp FF364

Snake A variant on the old 'bouncing lines' program, this one uses multiple vertices and Bezier splines. Includes source. Author: KABjorke FF89

SnakePit A simple, yet addictive game in which you must get the snake (you) off of the screen. There are, however, some rough spots and some obstacles that may need to be overcome. Excellent example of a game that is as system friendly as possible(with source). By: Michael Sinz FF343

Snap A tool for clipping text or graphics from the screen, using the clipboard device. Snap finds out character coordinates automatically, handles different fonts, keymaps, accented characters, and more. V1.4, an update to FF274. Includes source. By: Mikael Karlsson FF326, FF274

SnapShot A small utility for dumping screens. This one works like POPCLI and stays dormant until you press Ctrl-Esc. Previous release on FF66 did not work with with expansion RAM, this one does. Binary only. Author: Francois Rouaix FF73, FF66

snare drum Sound demonstration icon-driven part of a set on AMICUS 10 AM10

SnipDemo Demo version 1.23 of signal processing program sold by Digital Dynamics. Binary only. Author: John Hodgson FF199

SnipIt An input handler wedge which allows you to clip text from any window and then paste that text anywhere, as though you had typed it on the keyboard. You mark the text you want to 'snip' using the mouse, and then use the mouse to 'paste' the last snipped text into the active window, requester, or anywhere. Version 1.2, includes source. Author: Scott Evernden FF217

SnoopDos A utility for monitoring AmigaDOS calls. In particular, it allows you to see what libraries, devices, fonts, environment variables or startup files a program is looking for. Very useful when you're trying to install a new application. Version 1.0, includes source in C. Author: Eddy Carroll FF388

Snow AmigaBASIC makes snowflake designs. AM25

SnowFall Another program in the long tradition of screen hacks for the amiga. Watch the snow fall, get blown around by the wind, and collect in realistic heaps. With source. By Lars Clausen FF303

Softballstats Maintain softball statistics/ team records. AM25

Softfont Converts portrait soft fonts for HP LaserJet compatible laser printers to landscape format. Includes source. Author: Thomas Lynch FF342, FF327

SoftSpan Soft Span BBS program. Intuitive, command-line based menu system with message bases, uploads, downloads, file credit system, extensive help system, etc. Version 1.1, an update to that on FF343, includes bug fixes and some enhancements. Binary only. Author: Mark Wolfskehl FF374, FF343

Sol Amiga version of solitaire game posted to usenet some time ago and modified to use Amiga console control codes in place of curses calls. Includes source. Author: David Goodenough; Amiga port by Joel Swank FF103

Solitaire Two new ABasiC games, Canfield and Klondike. Author: David Addison FF32

Solve Linear equation solver in assembly language. Source code, executable program and documentation. AM19

SonixPeek A utility to let you list all the instruments used by one or more Aegis Sonix score files. It can scan individual files, or search one or more directories, checking all score files in each directory. The output is a list of all the instruments you need to have present in order to be able to play the indicated score files. Includes source. Author: Eddy Carroll FF217

sortc A quicksort based sort program, using separate driver and sort modules. Originally from a DECUS C distribution. Claims to be fast, but when operating entirely out of RAM takes 93 seconds to sort its input file, sort.c, while AmigaDOS's sort takes only 43 seconds under the same conditions Author: Dave Conroy, Martin Minow, and Ray Van Tassle FF6

Sounddemos Some very nice demos for showing off the incredible audio power of the Amiga! 100% assembly language, make sure you have the stereo connected for these! Author: Foster Hall FF167

SoundEditor An 8SVX stereo sound file editor written in assembly language for speed and minimum size. Version V.8, binary only. Author: Howard Dortch, Mike Coriell, Matt Gerald FF355

SoundExample A double buffered sound example for Manx C using 16-bit ints, small code, and small data. Author: Jim Goodnow FF55

Sounds Text explanation of Instrument demo sound file format. AM1

Sozobon-C Atari ST version of what appears to be a full K&R freeware C-compiler, assembler and linker. The compiler main pass and the assembler were compiled and tested on an Amiga A2000 with only minimal changes, and they appear to work (to the extent that they believe they are running on an Atari-ST), so an Amiga port should be relatively easy. By Sozobon, Limited. FF171

SpaceAceDemo Shareware shoot-em-up spaceship game. Binary only. Author: Stephen McLeod FF90

spaceart One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

SpaceLog A database containing data for all of the man related space missions of the United States and the Soviet Union that were related to the development of manned space flight, from the beginning of the space age to the present (368 missions), listed in chronological order. Includes an AmigaBASIC program to manipulate the database. Version 1.54, binary only. Author: Gene Heitman FF305

sparks Graphics demo that draws a 'moving pathway', adding to the front and removing from the tail (sure is hard to come up with verbal descriptions of these things!) By Scott Ballantyne FF9, AM1

Spawn Programmer's document from Commodore Amiga, describes ways to use the Amiga's multitasking capabilities in your own programs. AM15

Speaker Speech utility. ABasiC program. AM1

SpeakerSim Demo version of SpeakerSim 2.0, a loudspeaker CAD program. Simulates vented (Thiele-Small) and closed box systems. Also simulates 1st, 2nd, and 3rd order high and low pass filters. Binary only. By: Dissidents FF340

SpeakIt Speech and narrator demo. ABasiC program. AM1

speakspeach One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

speaktime Speaking program which will tell the time. Executable program and documentation. AM12

speech Sample speech demo program. Stripped down version of 'speechtoy' Author: Rob Peck FF1

speech.demo A simplified version of speechtoy. Also includes exec support functions for extended IO requests, CreateExtIOO to allocate and initialize a new IO request block and DeleteExtIOO to free an extended IO request block By Rob Peck FF5

speecheasy One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SpeechTerm Terminal emulator that can speak the received text. Also has XMODEM file transfer. Author: Leftheris Koutsofios FF20

speechtoy Latest and greatest version of Dave's cute speech demo program. Comes with custom icon so you can be run from a workbench screen. Author: Dave Lucas FF5, FF1, AM4, AM1

Speed A performance benchmark useful for comparing Amiga processing speeds. Performs 10000 iterations of some selected groups of 68000 instructions while using the DateStamp time function to record how many ticks it takes to complete. This timed duration is then compared against two known prestored times, one for a stock A2000 Amiga and one for an A2620 enhanced A2000. A relative comparison is calculated and displayed. Version 1.0, includes source in assembly language. Author: Jez San FF237

SpeedDir Another faster directory lister type program. This one uses the standard dir utility format for displaying directories. Written in assembler, includes source. Author: Bryce Nesbitt FF75

Spell A port of a Unix version of a freely distributable screen oriented, interactive, spelling checker. Update to FF54, with enhancements by Tomas Rokicki. V2.0.02, with source. Author: Pace Willisson; enhancements by Tomas Rokicki FF191, FF13

Spelling simple spelling program in AmigaBASIC. AM8, AM1

Spew Program which generates amusing 'National Enquirer' type headlines. Works from a 'rules file' which describes how the headlines are to be constructed. Includes source. Author: Gregory Smith (original by 'mark@pixar') FF69

sphere One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Spiff Make controlled approximations between two files. Similar to 'diff' but more versatile. Allows for the handling of numerals as string literals or numeric values with adjustable tolerances. Provides for embedded commands, scriptfiles, and many other command-line parameters. Potentially very useful, but needs some Amiga-specific work. Source and some example files included. Author: Dan Nachbar, Bell Communications Research (BELLCORE) FF172

Spigot This ray-traced animation, using overscan HAM and sound effects, is Eric's entry to the 1989 BADGE Killer Demo Contest- it won 6th place. Binary. By Eric J. Fleischer (Dr Gandalf) FF272

Spin3 Simple program that creates spinning cubes and transforms them into op-art. Example of how to create a double buffered display with color tables that can be changed. Author: Ronald Peterson FF32, AM12

SpinPointer While going through some musty archives I found this little gem that got overlooked before. It is a short source module that provides a 'busy' indicator replacement for the standard mouse pointer. Includes source. By Mark Rinfret FF269

spiral One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Splines Program to demonstrate various curve fitting and rendering techniques. Also includes something unique for the Amiga world, pop-up menus. Includes source. Author: Helene (Lee) Taran FF97

Spool The SPOOL system consists of 3 programs: A queue manager, a printer driver, and a SPOOL request program. The SPOOL system demonstrates the power of the Amiga's mutitasking abilities in a very practical way. It makes extensive use of Amiga Exec's message passing facilities and list-handling primitives. Version 1.2, includes source. By Tim Holloway FF69

SpreadSheet A simple 'Visicalc-like' spreadsheet calculator. Also known as 'vc' but there is currently a debate about whether or not that name is a registered trademark. The version on FF36 was based on an earlier version of the same source. This release also includes source code. Author: James Gosling, Mark Weiser, and Bob Bond Amiga port by Dave Wecker FF53

SpriteClock A very simple clock that uses a sprite as it's display medium, thus allowing it to be displayed on top of all other screens. Includes source in assembly language. Author: Darrel Schneider FF43

SpriteEd Lets you simultaneously edit two sprite pairs to form a double wide sprite image. Suggested $10 donation. Author: Scott Lamb FF40

SpriteMaker Program which lets you paint sprites and then converts data structure to be used in programs. Allows interactive testing of the sprite as a pointer. Suggested shareware donation of $15 for source code and updates Author: Ray Larson FF35

SpriteMasterII Sprite editor and animator by Brad Kiefer. Executable program and documentation. AM20

Sproing Same as Oing but includes sounds of balls colliding with boundaries. Author: Leo Schwab FF33

SPUDclock A simple program that uses the narrator device to speak the time at certain user specified intervals. Lots of command line options. Version 1.2, includes source. Authors: Robert E. Beaty and H. Bret Young FF165

Spy A program that tracks calls to AmigaDOS and Exec functions, reporting them to the screen, along with their calling parameters and the results. Version 1.0, includes source. Author: Federico Giannici FF369

Sq.Usq Portable versions of the CPM sq and usq utilities. Author: R.Greenlaw, many changes by Bill Swan FF51, FF10, AM2

Stack is a replacement for the BCPL stack program. Includes some source. Author: Glen McDiarmid and Kirk Davies FF105

Stairs This AmigaBASIC program demonstrates a musical illusion based upon perceptual circularity of widely spaced tones whose volumes are defined as a sinusoidal relationship to their frequency. Author: Gary Cuba FF121

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Star Destroyer A hi-res picture of the Empire's Star Wars starship. AM12

Star Wars IFF picture of the enemy walkers from the ice planet AM15

star10 Assembler program, makes star fields like Star Trek intro. In C source code and executable. Documentation included. AM12

StarBlanker A screen blanker that replaces your display with a randomly chosen animated starfield. Version 1.00, includes source in Modula-2. Author: Chris Bailey FF308

StarChart Nicely done intuition based program to display and identify about 600 stars, galaxies and nebulae visible in the Northern hemisphere. Version 1.2, includes source. Author: Ray R. Larson FF159

Starflight An IFF picture. AM6

StarProbe Program studies stellar evolution. C source included for Amiga and MS-DOS. In C source code, executable, and documentation. AM18

Stars Hobie's entry for the Badge Killer Demo Contest. Based on original code by Leo Schwab, has credits longer than the actual demo. Runs on 512K Amiga. Binary only. Author: Hobie Orris FF118, FF33

StarTerm Another terminal emulator program. ASCII and XMODEM support, telephone dialer, function keys, load file stripping, text file conversion, full/half duplex, Author: Jim Nangano and Steve Plegge FF12, AM8

StarTerm Starterm version 3.0. Very nice telecommunications program Author: Jim Nangano Author's suggested shareware donation: $20 FF30

StartUps Three replacements for the standard C startup files, Astartup.obj and LStartup.obj. The options include: (1) BothStartup.obj, for WorkBench programs or CLI programs with or without command line parameters, (2) WBStartup.obj, for WorkBench programs or CLI programs that require no command line parameters, and (3) CLIStartup.obj, for CLI programs that require command line parameters but do not need to be able to be runnable from WorkBench. Includes source. Author: Bryce Nesbitt FF101

StartupTip Text file tips on setting up your startup-sequence file. AM9

Stat An enhanced version of AmigaDOS 'status' command. AM15

Statpack Demo version of a statistics and data manipulation program. Version 3.2, binary only. Author: James Lindsey FF386

Stats Program to calculate batting averages. AM15

StatueOfLiberty Evening view of the great lady's profile in an IFF pictiure. AM7

StealMemBoot A small utility designed to be a direct replacement for NoFastMem kind of programs. It modifies the boot block of a disk, so when you boot with it, all memory allocations will return only CHIP memory. Author: Alex Livshits FF150

steel drum Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Steinschlag A tetris like game (Steinschlag means 'Falling Rock') submitted by the author. This is version 1.8, Binary. By Peter Handel FF238, FF221

STEmulator Turns your Amiga into an Atari ST (sort of). Be sure to read the README file for the true story. By David Addison FF43

StereoDemo A demo of stereoscopic graphics, written in assembly language. Requires red/green stereo glasses to view. Includes sources. Author: David M. McKinstry FF206

Stevie A public domain clone of the UNIX 'vi' editor. Supports window-sizing, arrow keys, and the help key. This is V3.7a, an update to FF217. Changes include the addition of ARP wildcard expansion for file names, support for the ':cmd' feature of vi, other small enhancements, and some bug fixes. Includes source. Author: Various, Amiga work by G. R. (Fred) Walter FF256, FF217, FF197, FF166

StillStore A program designed for freelance, corporate, and broadcast television. It loads and displays IFF images of any resolution interchangeably from a list file or as inputted directly (I.E. random access). The user may easily skip forward or backward one or more pictures in the list. A 'generic' display is always just a few seconds away. The program can be used 'on air' with no concern that a pull down menu will suddenly appear in the viewable area. It also provides for a precise cue for changing windows or screens. While the main purpose is to load 'news windows' of 1/4 screen size, StillStore can also handle full-sized and overscanned images. Also includes slide show modes and a screen positioning feature. Stillstore is written in the Director language from the Right Answers Group. Version 1.2, binary only, source available from authors. Author: R. J. (Dick) Bourne and Richard Murray FF317

Stitchery This shareware program loads in IFF images and creates charted patterns from them for use in counted cross-stitch and other forms of needlework. It requires one megabyte of memory to run, and works best with a good high-resolution printer for printing the patterns. The Stitchery was written with The Director and the Projector is included. Version 1.21. Author: Bradley W. Schenck FF350

StockBroker A program that helps you follow the recent table of exchange from one (or more) share(s). But of course you must tell the Amiga the recent table of exchange every day. Requires AmigaBASIC. Binary only. Author: Michael Hanelt FF343

STReplay A shared library which allows loading and playing of SoundTracker modules, even from high level languages like Basic or C, without any special effort. Includes source. Author: Oliver Wagner FF258

String, Boolean C programs and executables for Harriet Maybeck Tolly's Intuition tutorials. In C source code, executable program, and documentation. AM19

StringLib A public domain reimplementation of the UNIX string library functions Author: Henry Spencer @ U of Toronto FF29

Strings A simple utility with command-line options for locating strings in a binary file. V 1.0, includes source. By Joel Swank FF174

stripc Strips comments and extraneous whitespace from C source files. Useful for compacting the C header files to increase usable disk space. Author: Chris Metcalf FF6

StripCR This little program just makes a text file ready for use with AmigaDOS, with only LineFeed characters (LF) to mark the end of a line. If you feed it a file with ONLY Carriage Return characters (CR), (from a Macintosh for example) it will replace them with the LF character and, if the file requires no changes, then it does not get changed, includes source in assembly. by: Bill Nelson FF237

striper One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

StripLF Completes the set of StripCR and PlusCR. It will change an LF only file into a CR only file. If used in combination with StripCR and PlusCR, it completes a text file conversion system, includes source in assembly. Author: Bill Nelson FF237

Subscripts Ivan Smith's AmigaBASIC subscript example. In C source code and documentation. AM19

Sugar A HAM picture of a blond girl FF72

SugarPlum Plays "The Dance of the Sugarplum Fairies". ABasiC program. AM1

SunMaze The 3d maze demo from disk 171, now expanded with shadows in the corridors to give more sense of direction. Includes source. Author: Werner Gunther, Shadows by Dirk Reisig FF255

SunMouse Makes your mouse behave like the Sun Microsystem Sunwindows mouse. You no longer have to 'click' in a window to make it active. Just move the mouse pointer into the window and start typing. Version 1.0, binary only. By Scott Evernden FF65

SuperBitMap An example program that shows how to use ScrollLayer, how to sync the SuperBitMap prior to printing, and how to create a dummy rastport for dumping the SuperBitMap. Works under 1.2 and up. Author: Carolyn Scheppner and Phil Lindsay FF28

SuperEcho A neat program to be used with Perfect Sound-like audio digitizers that generates LIVE audio effects, including Echos, Deep Voice, Squeaky Voice, Many People, M-M-Max Headroom and much more. Binary only. Author: Kevin Kelm FF300

SuperLines A new lines demo with a realtime control panel that you can use to change various aspects of the action. Has 10 built in color palettes, support for things like color 'smudge', color cycling, color 'bounce', multiple resolutions, and can display either lines or boxes. Version 1.0, binary. By Chris Bailey FF243

SuperMenu An information display system you can use to quickly and easily display text files (and sections of text files) with the press of a button. Version 2.0, shareware, binary only. Author: Paul Thomas Miller FF368, FF297

Supermort A general compounding/amortization routine, using the intuition environment, which can be used for mortgage/loan computations. Binary only. Author: Mark Schretlen FF59

superpad One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

SuperRetLab Prints return address labels 3-up on single-wide 3.5 inch by 7/16/ inch label stock. Can print up to 5 lines per label. Version 1.1, includes source. Author: Joel Swank FF304

SuperView A shareware file-viewer that displays all types of IFF files with many features like: Workbench support, all display modes, auto overscan, color cycle (CRNG, CCRT), AmigaBasic ACBM files, first cell in and ANIM file, Type 5 animations and more. Written in assembly, pure code for residency under 1.3. Version 3.0, binary only. Author: David Grothe FF367

Suplib The support library needed to rebuild various programs of Matt's from the source, including Dme, DMouse, etc. Update to FF169. Source. By: Matt Dillon FF258, FF168 & 169, FF126

suprshr One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Surf Generates bezier surfaces of revolution. Will produce some amazing pictures of wineglasses, doorknobs, or other objects one could turn on a lathe. Includes the capacity to map IFF image files onto any surface that it can draw. This is version 2.0. Changes include support for data file formats that can be translated to input files for various 3D modeling programs, an increase in the number of grey shades available, and the capability of modifying the endpoints of segments. Source included. Author: Eric Davies FF315, FF170

Surveyor A little utility that opens a window on the current screen and displays information about the pointer. Allows for absolute or relative measurement between two points on the screen. Very handy for precise positioning of icons and such. Includes source. Author: Dirk Reisig FF151

SVprintf UNIX system V compatible printf(). Assembler AM2

SVTools Some additional useful tools from Stephen Vermeulen. Includes a new version of Vnews, sit, setstack, retool, memlist, fragit, and yoyo. Includes source. By Stephen Vermeulen FF107

sweep.c Sound synthesis example. C program. AM5

switch A pachinko-like game written in AmigaBASIC. AM11

Sword Sword of Fallen Angel. Text adventure game written in AmigaBASIC. Author: Andry Rachmat FF32

Synthemania An interesting, very small (and very persistent!) musical piece. If you plan on stopping it without using three fingers, you better read the document file first! Binary only. Author: Holger Lubitz FF153

Synthesizer A sound program in AmigaBASIC. AM9

Sys A game built on the addictive game PONGO but with several added features. You have been assigned the demanding task of cleaning viruses from your SYSOP's hard disk. To kill a virus, you simply kick a disk at it. There are fifty different levels, and on each level, the speed will increase and the viruses will be smarter and start to hunt you. V2.10, binary only. By: Anders Bjerin FF336

SysInfo A program which reports interesting information about the configuration of your machine, including some speed comparisons with other configurations, versions of the OS software, etc. Version 1.4, binary only. Author: Nic Wilson FF368

System config File makes screen 80 columns wide of text in the Scribble! word processor. AM26

T.Rex A tyrannosaurus rex in an IFF picture. AM6

Tab A tablature writing program for the Amiga, with inStruments for a banjo and a string guitar. Binary. By Jeff deRienzo FF145

TACL An adventure player for games written with The Adventure Construction Language, a commercial computer language. Includes two sample games; one is text-only and the other is text-graphic. Binary only, plus the TACL source code that was used to write the graphic adventure. Author: Kevin Kelm and Rhett Rodewald FF300

TagBBS Version 1.02 of a shareware BBS system. Suggested shareware donation is $25. Binary only. By Patrick Hughes FF66

talk One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Tank This is Vincent's entry for the First Annual Badge Killer Demo Contest. It is an animation of a 'fishtank simulator', with sound effects and a cute twist. Binary. By Vincent H. Lee FF200

Target A little program which takes over the mouse pointer and turns it into a gunsight. Pressing the mouse button flashes the pointer and gives a gunshot. Version 1.23, binary only Author: Matt Fruin and Michael McCarty FF81, AM21

Tarot An AmigaBASIC program written by the author as an exercise for learning BASIC. Contains some nice graphic renditions of tarot cards. Author: L.Pfost FF124

TarSplit A port of the OS/9 program that extracts files from UNIX tar archives By James Jones. Amiga version by Mike Meyer. FF53

Tartan AmigaBASIC; design Tartan plaids. AM26

Task Simple example of how to use CreateTask. Includes source. Author: Carolyn Scheppner FF79

TaskControl Nicely done task-handling program allowing you to put to sleep, kill or change priorities of all the currently loaded tasks. Also potentially GURU-producing, so be careful what tasks you kill, change priorities of, etc. Handy window sizer will reduce it almost to an icon to hang around until you want to use it. Binary only. Author: J. Martin Hippele FF159

TaskX A 'real-time' task editor. Lets you list and set the priorities of all the currently running tasks. Binary only, Version 2.0. Author: Steve Tibbett FF158

TCB Prints information about tasks and processes in the system; assembler source is included. AM26

TDebug Monitor a device by intercepting the EXEC SendIO and DoIO vectors. This will give you most of the IO request information for any device. Version 1.00, includes source. Author: Matt Dillon FF74

Teacher Teacher is a short, simple hack. I won't spoil the fun by telling you what it does. With source. By Jonathan Potter FF204

Tek An enhanced version of Dave Wecker's vt100 (v2.6) which includes emulation for a Tektronix 4010/4014 graphics terminal. This is a much improved version of the Tek4010 program from FF52. Includes source. Enhancements by Nick Giordano and Terry Whelan FF108

Tek4010 A Tek 4010 emulator. Author: Terry Whelan, with changes by Steve Poling FF52

Tek4695 A Tek4695 printer driver. Binary only. Author: Philip Staub FF87

Tek4695 A Tektronix 4695/4696 printer driver. Includes source Author: Philip Staub FF96

TenSpeed A ten-speed in an IFF picture. AM6

termcap A (mostly) UNIX compatible implementation of a termcap library. First ever public release. Author: Fred Fish FF14

terminal One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Terminator: A virus protection program. By Russell Wallace AC5

TermPlus Yet another variant of Michael Mournier's AmigaTerm program. This one includes improved ASCII capture, CRC and checksum xmodem protocol transfers, CompuServe B-protocol transfers, a phone library, function key support, and limited AmigaDOS functions. Enhancements by Bob Rakosky FF33

termtest One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Terrain Program which demonstrates generation of good looking pseudo-random scenery. Includes source in Draco. Author: Chris Gray FF61

Terrain 3D Program which demonstrates generation of good looking pseudo-random scenery. This version is a derivative of 'sc' distributed on disk 87, but now displays terrain in 3D relief. Includes source. By Chris Gray; 3D version by Howard Hull FF94

TES 'The Electronic Slave' adds a gadget strip to the top of the cli window to perform such functions as device directories, info, run ED, and time. Currently, assignments are hardcoded but not difficult to change if you own a compiler. Version 1.1, includes source. Author: Joerg Anslik FF162

Tetrix A addictive game of speed, skill and luck. Based on a game originally called Tetris. The object is to fit together oddly grouped falling blocks to create a solid wall, which is then cleared from the bottom up. Sounds simple enough right? Sure...! Shareware, Version 1.1, Binary only. Author: David Corbin FF173

TeXDdemo A demo version of TeX, ported to the Amiga by Tomas Rokicki. I have added 'less' to read the text files. I have copied all the files to a freshly formatted disk, to create the master distribution disk, using xcopy, which preserves the file dates. This insures that disk fragmentation is kept to a minimum. In order to make room for the files I have added, I have compressed the file TeX/inputs/amigatex.tex using a version of compress (compress.b13) that should run on any standard 512K amiga. This version of compress is found in c/compress.b13. To recover the original file, execute the commands: cd AmigaLibDisk83:TeX/inputs :c/compress.b13 <amigatex.tex.Z >ram:amigatex.tex -d. Since this is a demo version of Tom's commercial product, it has several limitations that let you get the flavor of the real thing but encourage you to buy the commercial version. These limitations include TeX being limited to processing only small files, the previewer being limited to displaying ten pages or less, and only a small number of fonts being provided. The full version of AmigaTeX comes on eight floppies and will handle larger documents than most mainframe versions of TeX. See the tex/README file for further info.-Fred FF83

TeXF A selection of 78 TeX fonts, with a conversion program to convert them to Amiga fonts. There are 22 different fonts at various sizes, ranging from 15 pixels high to more than 150 pixels. The conversion program

can also be used with the fonts distributed with AmigaTeX, yielding an additional 1000 or so more fonts for use with other Amiga programs. Version 2.5, binary only. Author: Ali Ozer FF135

text.demo Sample program that asks AvailFonts() to make a list of the fonts that are available, then opens a window and then prints a description of the various attributes that can be applied to the fonts, in the font itself. Previous versions were released as 'whichfont'. Author: Rob Peck FF5

TextDisplay A text display program, like 'more' or 'less', but about half the size and handles all screen formats (pal/ntsc, interlace/non-interlace, etc). Binary only. Author: Roger Fischlin FF244, FF188

TextPaint Version 0.97 of the Ansi editor. Several significant enhancements and bug fixes since the release of version 0.90 on FF346. Features include possibility to reload ansi files or CLI modules, 4 color option, optimized keyboard layout, new drawing modes, right mouse button support (like DeluxePaint) and much more. Binary only. Author: Oliver Wagner FF361, FF346

TextPlus A word processor for the Amiga, with both German and English versions. TextPlus enables you to write letters, books, programs etc. in a very easy and comfortable way. Version 2.2, an update to version 2.0 on FF359. Now includes full source. Author: Martin Steppler FF375, FF359

Textra This easy-to-use text editor allows multiple windows, and provides a simple mouse driven interface. Those familiar with the 'Macintosh style' editors will be comfortable with Textra's Cut, Copy and Paste commands. Standalone image. Documentation included. No source code. Author: Mike Haa FF239

Texts An article on long-persistance phospor monitors, tips on making brushes of odd shapes in Deluxe Paint, and recommendations on icon interfaces from Commodore-Amiga. AM14

Thai A simple Thai quiz program developed by the author while he was learning the Thai language. It loads complete Thai sentences and words from a supplied file. If you click on the sentence or word gadget the program will pick a random sentence/word. You then click on the Thai/Speak/Phonetic/ English gadget to display that version (or speak it). Includes source. Author: Alan Kent . FF98

TheA64Package A comprehensive emulator/utility package to assist Commodore 64 users in upgrading to the Amiga. According to the author, this package compares to or surpasses the commercially available packages of the same nature. Many of the utilities require a hardware interface that allow the Amiga to access C64 peripherals such as disk drives and printers. The hardware interface is free with a shareware donation to the author. Version 1.00, binary only. Author: Cliff Dugan, QuesTronix FF379

TheGuru A program to bring the Guru back into Kickstart 2.0, for those who will miss it, (well sorta anyway!). Version 1.0, binary only. Author: Nico François FF378

The KickPlay Dir Several texts that describe several patches to the Kickstart disk. For Amiga 1000 hackers who feel comfortable patching a disk in hexadecimal, KickPlay offers the chance to automatically do an ADDMEM for old expansion memory, as well as the ability to change the picture of the "Insert Workbench". AM25

ThreeDee 3D function plots. ABasiC program. AM1

tictactoe The classic game written in AmigaBASIC. AM11

Tiles A basic tile game like Shanghai or GunShy. A board is covered with a set of 144 tiles, 36 different sets of 4 identical tiles, each with a picture on it. The object is to remove all the tiles, 2 at a time, by matching identical tiles. Version 2.1, includes source in Modula II. Author: Todd Lewis FF241

Tilt Another of Leo's cute little toys. This one makes your Amiga look like it didn't pass Commodore's vibration testing. Author: Leo Schwab FF54

timedely.c sSmple timer demo. C program. AM4

timer Simple timer example program. Includes dynamic allocation of data structures needed to communicate with the timer device, as well as the actual device IO. Author: Rob Peck FF5

Timer Creates a small window containing a timer. Version 1.5, binary only. Author: Bill Beogelein FF90

timer.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

timer.c Exec support timer functions. C program. AM4

TimeRAM A program to test the access speeds of Fast and Chip RAM. Binary only. Author: Bruce Takahashi FF96

TimeSet Handy little utility to set the system time from the workbench environment, without resorting to preferences. Binary only. Author: Unknown (DEH?) FF71, AM9

Timetest Working example to show the time() and gmtime() functions of the Lattice C support library. Includes source in C. Author: Oliver Wagner FF346

timrstuf.c More exec support timer functions. C program. AM4

TinyProlog VT-PROLOG is a simple prolog interpreter provided with full source code to encourage experimentation with the PROLOG language and implementations. Version 1.1, includes source. Author: Bill and Bev Thompson FF145

TitleGen A simple script language program for generating vertically crawling title sequences in any font and up to 500 lines long. Good for video production. Version 1.6, binary only. Author: Kevin Kelm FF300

TitlePage Prints banner-type title pages for identifying listings. Lots of command-line options for specifying various fonts, pitches, typestyles, selectable centering, etc. Includes source. Author: Joel Swank FF174

Today Amiga implementation of IBM PL/1 history program. Tells you important events and birthdays on current or specified day. Command line options include once-per-day setting for startup sequences. Version 0.91, binary only, shareware. Author: David Plummer, data files originally from an IBM VM/CMS version by Mike Butler FF368

tom One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

ToolLibrary A shared library for the Amiga. Contains some mathematical (evaluation of strings) and Intuition (menus, requester) functions. Version 2.06, includes source. Author: Rudiger Dreier. FF376

TooMuch3D This animation is Jim's entry to the 1989 BADGE Killer Demo Contest, where it won 10th place. It is a warning to those of you who spend too much time in front of your computer monitors. Binary only. Author: Jim Robinson FF270

topography One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

Touch A simple command to set the date of a file to the current date. Uses new supported method of setting a file date stamp (rather than reading and writing back a byte) Author: Phil Lindsay and Andy Finkel FF49

toybox One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

trackdisk Demonstrates use of trackdisk driver. Useful example of 'raw' disk read/write. Author Rob Peck FF5, FF1

TrackDos A program that allows easy transfer of data between DOS, memory and trackdisk.device. DOS means the data contained within a file, memory means the data contained anywhere within the memory map and trackdisk.device means data stored on a disk not accessable with DOS (eg. bootblocks special loader disks etc.). The transfer of data between these three areas is not normally easy or convenient. TrackDos was written to overcome this. Binary only. Author: Nic Wilson FF365

Tracker Useful debugging routines similar in function but more versatile to those of 'MemTrace' on FF163. Will track and report on calls to AllocMem(), FreeMem() [or lack thereof!] among others. V0.0a (Alpha release). By Karl Lehenbauer FF181, FF35

TrackSalve A Trackdisk patch which removes all known bugs, and one unknown so far, and patches the Trackdisk task to allow various enhancements, such as reading good sectors from partially bad tracks, write verification, write protect simulation, auto motor off, auto update and turning off clicking. Other features are MFM-upate and I/O by non- chip buffers. This is version 1.3, an update of version 1.0 on FF312. Includes source in C and assembler. Author: Dirk Reisig FF355, FF312

TrackUtils Two utilities that deal with disk tracks. TCopy copies one or more tracks from one disk to another, and is useful for copying part of a floppy disk into RAD: during bootup. TFile creates a dummy file which 'marks' a specified range of tracks, preventing AmigaDOS from using them and allowing them to be used for raw trackdisk data. Includes C source. Author: Eddy Carroll FF350

Trails Cute little program that leaves a trail behind the pointer when the mouse is moved. The trail has programmable symmetry, thickness, and length. The other interesting thing about this program is that it is written in Modula-2 (source provided). Author: Richie Bielak FF32

translator.bmap one of the necessary links between AmigaBASIC and the system libraries. AM8

Tree A very simple directory tree traversal program, written primarily as an aid to creating zoo archives and disk backups. Has options to exclude certain directories or files with specific extensions. Includes source. Author: Tomas Rokicki FF306

Tree Draws a recursive tree (green leafy type, not files). Author: Robert French (original version by W. Balthrop) FF31

Trees Another 'tree growing' program, similar to the one on FF31, but more extensive. Author: Unknown; Amiga version by Terry Gintz FF49

Trees and Recursion: An introduction to binary trees and how to use recursion. Written in C. Author: Forest Arnold. AC7

trees.o UNIX compatible tree() function, Assembler program. Object file and documentation provided. AM2

TreeWalk A subroutine command for visiting all the files of a subtree of an Amiga file system, testing every file in the specified subtree against a supplied 'filter' expression, and if the file passes through the filter, to issue the specified command with that file as one of the arguments. It is designed to be fast, robust, and not use a lot of any critical resource. Includes both a CLI interface to that routine the form of a find-like utility that uses C expressions instead of Unix-like flags, and a program to tell you if directory trees will fit on a given disk, or how many extra blocks you'll need if they won't. Includes source. Update to version on FF289. Author: Mike Meyer FF352, FF289

trek73 A Star Trek game. This one is just crying out to be Amigaized by some ambitious hacker. Authors: Many, see comment in main.c FF10

TrekTrivia Very nice mouse-driven trivia type program for Star Trek fans. Contains 100 questions with additional trivia disks available from the author. This is version 2.0, an update to the version on disk 180, and includes selectable skill levels, a cheat mode, and 250K of digitized music. Binary only, shareware. Author: George Broussard FF252, FF180

triangle One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Tricky Another of Peter's innovative and addictive games. Sort of a video-bowling concept where the object is to wipe out groups of computerized symbols in such a fashion that the last item hit becomes the target for the next ball (with a few tricks of course!). Lots of levels and the usual level editor that accompanies most of Peter's games. Binary only. Author: Peter Handel FF367

TriClops Very nice graphics oriented 3D space invasion game. This was previously a commercial product which is being released into the public domain for promotional purposes (they are working on a multiuser, multimachine version) Author: Unknown, published by Geodesic Publications FF35

Triple 3 demos of some of the Amiga's graphics and sound capabilities. Binary only. by: Tomas Rokicki FF206

Tron Another game about the lightcycle race sequence in the science fiction computer film Tron. One or two players and other options. Written in GFA-BASIC and then com- piled. Version 1.1, binary only. Author: Dirk Hasse FF355

Tsize A simple utility to print directory tree sizes. Displays the total size of all files and subdirectories within a given directory Author: Edmund Burnette FF35

TSnip Very nice 'cut and paste' type utility with lots of uses and functions. Features a pop-up intuition control panel, multiple font and color recognition, clipboard and pipe support and a couple of utility programs. V1.4a, source for support programs only. By John Russell FF179

TUC 'The Ultimate Clock'. Another window title clock/memory minder. This one is in 132 columns! Also gives the free memory on drives DF0, DF1 & DF2. Includes source. Author: Joerg Anslik FF159

Tumblin' Tots: A complete game written in Assembly language. Save the falling babies in this game. Author: Davd Ashley AC1

Tunnel An interesting graphics demo written in TDI-Modula 2. I suggest you don't stare at this too long! Includes source. Author: Garth Thornton FF174

TunnelVision Another fine ABasiC game from David Addison. This is a maze game with a 3-D perspective view from inside the maze Author: David Addison FF36

Turbo Opens a small window with a gadget that when selected, turns off bitplane, sprite, copper and audio DMA, presumably to increase system speed. Includes source. By Oliver Wagner FF170

TurboBackup A fast mass floppy disk duplicator with enforced verify mode to prevent generation of incorrect copies. Version 1.00, binary only. Author: Steffen Stempel and Martin Kopp FF139

TurboMandel A fast mandelbrot program, written in a mix of C and assembly language. You can select between using floating point or integer calculation. Other features include a full intuition interface, cycling capabilities, extensive color control, a user definable iteration depth, fully implemented zoom, a 3-D display mode, support for extra halfbrite as well as interlace and hires, IFF load and save, accuracy selections, and more. Version 1.0, includes source in assembly and C. Author: Marivoet Philip FF302

Turtle A shared library of "turtle" functions for drawing in a RastPort. Includes source in assembly and C. Author: Thomas Albers FF321

TurMite A two dimensional turing machine simulator. Imagine a small bug crawling around on your computer display moving one pixel at a time. At each step it uses its internal state number and the color of the pixel it's on as indexes into a set of tables to decide what color to change the pixel to, what direction to move, and what its new internal state should be. Includes source. Author: Gary Teachout FF249

Turn An interesting board game with the simplicity of checkers yet requiring the move-lookahead of a good chess player. Binary only. Author: Peter Handel FF361

TV*Text Demo version of the TV*Text character generator. AM18

TX Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

TxEd Latest demo version of MicroSmiths' text editor, TxEd. This is the full production version except that files are limited to 10K bytes in length and the search/replace functions are disabled. Also, demo is based on an older version of TxEd, new release has additional features. Author: Charlie Heath FF31, FF20, AM12

Txt filters text files from other systems to be read by the Amiga E.C. AM17

Txt2Exe This program takes a text file, creating a runnable command which will output the text. Allows various operations to be done on the text. Binary only. Author: Oliver Wagner FF286

Ty A text display program based on Amiga 'less' version 1.0. Has both keyboard and mouse control of all functions, an intuition interface, and uses the Amiga specific keys (such as the Help key) correctly. Version 1.3, includes source. Author: Mark Nudelman, Bob Leivian, Tony Wills FF246

TypeAndTell Example program that demonstrates installation of an input device handler before the Intuition one. This example traps all keys typed by the user and pronounces them in real time. Includes source. Author: Giorgio Galeotti FF73

Typing Tutor: A program written in AmigaBASIC that will help you improve your typing. Author: Mike Morrison AC6

Udate Udate is a replacement for the AmigaDOS date command, containing many options similiar to the UNIX date command. Udate will allow you to set the date and time via prompts or directly from the command line, will display any part of the date or time using the options in any color desired, and will also make an automatic adjustment of your system clock for Daylight Savings Time so your computer will be one less clock you will ever have to set twice a year for DST. Update to version on FF311, this version is slightly smaller and works correctly with the 68030. Version 1.14c, binary only. Author: George Kerber FF365, FF311

Uedit Version 2.5d of this nice shareware editor. Has learn mode, a command language, menu customization, hyper text, and other user configurability and customizability features. Binary only, shareware, update to FF254. Author: Rick Stiles FF286, FF254, FF189, FF173, FF121, FF60

UeditUpdate This is a partial update to the 2.5d version of Uedit on disk 286. It includes only the UES executable, which has had patches d1 through d4 applied. Disk 286 is still needed for a complete Uedit shareware distribution. Binary only. Author: Rick Stiles FF301

Ueturbo Example of extensive customization of Uedit to set up a nice development environment. Includes source. Author: Tom Althoff FF60

undelete Executable program undeletes a file. Documentation included. AM12

UnHunk Tool to process the Amiga 'hunk' loadfile format. Collects code, data, and bss hunks together, allows individual specification of code, data, and bss origins, and generates binary file with format reminiscent of UNIX 'a.out' format. The output file can be easily processed by a separate program to produce Motorola 'S-records' suitable for downloading to PROM programmer. Author: Eric Black FF26

Unifdef Useful program for removing ifdef'ed sections from a file while otherwise leaving the file alone. Allows one source to be used as a porting base for many machines, without shipping the entire source to every source customer. (Pre-process for their machine and send them only the source for their specific machine). Author: DaveYost FF35

Uniq A text processor which compacts repeated adjacent lines. Intended to be used with a sorted file to print unique lines, or repeated lines. Behaviour and options like UNIX version. Version 1.1, includes source. Author: John Woods, Amiga port by Gary Duncan FF317

FREELY REDISTRIBUTABLE SOFTWARE

Units Units conversion program, including a chart option which allows you to create charts of conversions. Nifty. Includes source. Author: Gregory Simpson FF74

UNIXArc A version of arc suitable for UNIX System V.Author: System Enhancement Associates FF50

UnixDirs A program which intercepts calls to dos.library to add the UNIX style '.' and '..' syntax for current and parent directories, respectively, to file and path names. I.E., you can refer to files in the current directory as './foo' and files in the parent directory as '../foo', or any combination of the two. Includes source in assembly. Author: Murray Bennett and Mark Cyster FF321

UnixUtil A few CLI utilities, including some functionally similiar to the UNIX utilities of the same names. Included are: Wc, Head, Tail, Tee, Detab, Entab, and Trunc. Descriptions are given in the included '.doc' files. By Gary Brant FF179

UnknownGirl Another small musical piece similar in execution to 'Synthemania' on FF153. Binary only. By Holger Lubitz FF162

Unshar This program extracts files from Unix shar archives. It scores over similar programs by being small and fast, handling extraction of subdirectories, recognising a wide variety of 'sed' and 'cat' shar formats, and handling large files spread across several shar files. This is version 1.3. Includes C source. Author: Eddy Carroll FF345, FF287

Update Used to update an older working disk with files from a newly released disk. Files on the older disk that are out of date will be upgraded with files from the new disk. Author: Unknown, downloaded from Software Distillery FF45

Uranus An IFF picture. AM6

Utilities A group of four little utility programs, Cal, Undelete, DClock and WhereIs. Binary only, see the ReadMe file for a description of each. Author: Dan Schein FF154

UUCP An implementation of uucp for the Amiga, including mail and news. This is Matt's version for the Amiga, based on William Loftus's Amiga UUCP 0.40 release with news code from his 0.60 release, and months of work by Matt to make fixes and add enhancements. This is version 1.06D, an update to version 1.03D on FF313. Includes source. Author: Various, major enhancements by Matt Dillon FF360, FF313, FF310, FF152

UUdecode Programs to encode/decode binary files for transmittal via mail, or other text-only methods. Binary file is expanded by approximately 35% for transmittal. Author: Mark Horton FF38

UUencode Programs to encode/decode binary files for transmittal via mail or other text-only methods. The binary file is expanded by approximately 35% for transmittal. This release is an update to the version on FF53, and includes a simple line-by-line checksum technique that can read and write files compatible with the older uuencode/uudecode, plus a file size test modification that is transparent to older uudecodes. Author: Mark Horton with mods by Alan Rosenthal and Bryce Nesbitt FF92, FF53

UUpc Version 1.0 of a suite of programs that will allow you hook up your Amiga as a usenet node. Includes source. Author: Richard Lamb, Stuart Lynne, Jeff Lydiatt FF109

Uw UNIX Windows client for the Amiga. Version 1.00, includes source. Author: Michael McInerny FF79

v1.1h.txt Text, 'diff' of include file changes from version 1.0 to 1.1. AM5

v1.1update Text. list of new features in version 1.1. AM5

v11fd.txt 'diff' of .fd file changes from version 1.0 to 1.1. AM4

v28v1.diff 'diff' of include file changes from version 28 to 1.0. AM4

VacBench This amusing little screen hack will 'clean up' your WorkBench screen for you when it gets too cluttered! Binary only. By Randy Jouett FF184

ValSpeak A filter program which transforms its standard input to 'valspeak' on its standard output. Author: Unknown FF46

Vampire Woman Vampire in LoRes FF72

VAUX-Killer A very funny animation which won 2nd place in the 1989 BADGE Killer Demo Contest. Because of its size, the demo is split across two disks. Two floppy drives, or a hard disk, are strongly recommended. Binary only. Author: Roger Curren FF265 & 266

VAXterm A VT220 terminal emulator that is close to the real VT220 terminal in both supported facilities and user interface. Designed primarily for connection to VAX/VMS, it should work with any host computer with VT220 terminal support. Supports file transferring for ASCII files by means of DCL commands. Version 2.4, includes source. Author: Tuomo Mickelsson FF369

vc VisiCalc type spreadsheet, no mouse control. Executable program and documentation. AM14

Vc Visicalc-like spreadsheet calculator program. Author: James Gosling, Amiga port by Peter Hardie FF36

VCheck Version 1.2 of the virus detection program from Commodore Amiga Technical Support. This version will test for the presence of a virus in memory, or on specific disks. Binary only. Author: Bill Koester. FF126

VcEd A Voice (Tone) Editor for the Yamaha 4 Operator series synthesizers. Binary only, source available from author. Author: Chuck Brand FF345

VDraw1.16 Shareware drawing program submitted by the author. This version uses menus but includes some items not on version 1.19, also on this disk. Drawing program, based on freedraw, but now transformed and enhanced beyond recognition. Draws hollow boxes, filled boxes, freehand sketches, lines, circles, and arcs. Also has area fill, text insertion, 16 different line patterns, predefined area fill patterns, a magnify mode, cut and paste, color inversion, erase, grid pattern, and more. This is version 1.14. This shareware program (suggested $15 donation) was submitted by the author for inclusion in the library. Author: Stephen Vermeulen FF52, FF38, FF31

Vdraw1.19 Latest version of Vdraw, with a completely new iconic user interface, and some other new features including a color palette mixer and DPaint style brushes, extended cutting features, area locking, and a flexible printing interface Author: Stephen Vermeulen FF52

Vectors A simple program to test how fast the Amiga can draw lines. Includes two versions, 1.0 and 1.1, each of which performs tests slightly differently. Includes source. Author: Gauthier Groult and Jean Michel Forgeas FF316

vendors Older text file of Amiga vendors, names, addresses. AM12

Venus An IFF picture. AM6

Verify Walks a directory hierarchy reading all files, reporting any files that can't be entirely read. Version 1.2, includes source. Author: Joel Swank FF304

ves copy protection. Executable program and documentation. AM14

VGad A new gadget editor that takes two pictures of the window and its gadgets, one being the normal gadget state and the other being the fully selected state, and then merges the data and converts to C source code. Version 1.0, binary only. Author: Stephen Vermeulen FF137, AC1

Viacom Latest version of viacom for use in conjuction with the WaveBench demo. Binary only. Author: Leo Schwab & Bryce Nesbitt FF112, FF84

vibrophone Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Vidtex Vidtex displays Compuserve RLE pics in source code and as an executable. AM11

View A mouse-oriented text file reader. Sample operation is demonstrated in reading the View.doc file, instead of using the usual 'Less' text file reader. By Bryan Ford FF163, FF58, AM14

View80 Very impressive scrolling text file reader. Three scrolling modes and controllable via keyboard or mouse. Opens file requestor if no filename is given. Automatically configures screen size for PAL or NTSC machine. Sample operation in reading the document files. Version 1.1, includes source. Author: Federico Giannici FF365

ViewDir A LIST type of utility showing contents of a disk or directory. For directories, shows SIZE. For files, takes a quick look and identifies TYPE if possible. Update to original version on disk 251. Now works with SPAT for pattern matching, and has a small style change. Includes source in assembler. Author: Jim Butterfield FF358

Viewer A very small program for displaying IFF pictures of any resolution. This one is written in assembly code and is only 988 bytes long. Binary only. Author: Mike McKittrick FF199

ViewILBM Reads an ILBM file and displays as a screen/window until closed. Handles normal and HAM ILBM's. Author: Based on ShowILBM, enhanced by Carolyn Scheppner FF 72, FF44

violin Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Virus Check Dir Several programs relating to the software virus that came to the US from pirates in Europe as detailed in Amazing Computing V2.12. Bill Koester's full explanation of the virus code is included. One program checks for the software virus on a Workbench disk; the second program checks for the virus in memory, which could infect other disks. AM24

VirusControl A new virus detection and control program that checks disks during insertion, protects from link viruses, shows bootblock on a screen, periodically checks system vectors, controls access to files with a requester, etc. V1.3, includes full assembly language source code. Author: Pius Nippgen FF211

VirusUtils Two programs to detect viruses on disk and in memory. Virushunter removes all known viruses in memory. Viruskiller removes all known viruses in memory and after removing the viruses the disks can be checked without the virus copying itself to the disks. Version 3.60, binary only. Author: Pieter van Leuven FF331

VirusX A boot sector virus check program that runs in the background and automatically checks all inserted disks for a nonstandard boot sector. Such disks can optionally have their boot sector rewritten to remove the virus. Includes source. Author: Steve Tibbett FF137

VirusX Version 4.0 of a popular virus detection/vaccination program. This is an update to FF216. Includes a check for the new Xeno virus. Author: Steve Tibbett, Dan James, Jim Meyer FF287, FF216, FF175, FF158, FF154, FF137

Virus_Alert! Yet another anti-virus program with a twist. Once installed a message is displayed just after a warm or cold boot notifying the user that the disk and memory are virus-free, and forcing a mouse-button press before continuing. Anything writing to the bootblock thereafter will destroy the message and a normal virus- infected boot (???) will take-place. Versions 1.01 and 2.01, Binary only. Author: Foster Hall FF154

VisaCard A VISA card in an IFF picture. AM6

VLabel A program to print fancy customized disk labels. It will combine an IFF picture and up to 50 lines of text (which may be placed arbitrarily in any font or point size) and then print the result. The IFF picture can be virtually any size (up to 1008 by 1000). It will also print labels from a batch file produced by SuperBase. Version 1.20, binary only Author: Stephen Vermeulen FF137

Vlt VLT is both a VT100 emulator and a Tektronix (4014 plus subset of 4105) emulator, currently in use at SLAC (Stanford Linear Accelerator Center). Although the VT100 part was originally based on Dave Wecker et al.'s VT100, many enhancements were made. Features include use of ARP, an ARexx port, XMODEM 1K/CRC and Kermit protocols, support for additional serial ports, external file transfer protocols (XPR), a chat mode, and scrollback/review/history buffer. It comes in two versions, one with Tektronix emulation, and one without. The Tektronix emulation allows saving IFF files, PostScript files, and printing bitmaps to the printer. This is version 4.428, an update to version 4.226 on disk 257. The major change for this update is a rewrite of the Tektronix emulation to support almost all of the Tektronix 4105 escape sequences. Binary only. Author: Willy Langeveld FF308, FF257, FF245, FF226, FF202

VMore A shareware program, submitted by the author, that is a 'more' like text file viewing utility that can be run on multiple files from either the WorkBench or the CLI. Version 1.00, includes source. Author: Stephen Vermeulen FF85

Vnews A simple news file reader, that will read all the news files in a specified directory, optionally starting with a specified file. Includes source. Author: Stephen Vermeulen FF85

VoiceFiler Voice filer program for Yamaha DX series synthesizers. Voices are transferred to and from the Amiga over MIDI. Author: Jack Deckard FF38

VPG Video pattern generator for aligning monitors. Executable program and documentation. AM18

VRTest Another anti-virus utility that allows visual inspection of RAM starting a $7E7FE, RAM cleaning, bootblock inspection and vector monitoring/reseting. Written entirely in assembly language. Version 3.2, binary only. Author: Babar Khan FF161

VSnap This is an enhanced version of Snap 1.3, submitted by Steve Vermeulen, which adds the ability to save clipped graphics as IFF FORM ILBM's to the clipboard, so they can be imported to other programs that understand IFF and the clipboard. Dubbed it VSnap, since the official 1.4 Snap is also included on this disk. Includes source. By: Mikael Karlsson, enhancements by Steve Vermeulen FF326

vsprite VSprite example C code from Commodore, S-E-D. AM12

Vsprites A working vsprite example. Author: Eric Cotton FF55

VSprites Vsprite example from Rob's book 'Programmers' Guide To The Amiga' Produces 28 VSprites on screen simultaneously, using only three distinct sets of colors. Includes source. Author: Rob Peck FF61

Vt100 A vt100 emulator for the Amiga, which also supports various file transfer protocols like kermit, xmodem, ymodem, zmodem, etc, has an Arexx port, can use custom external protocol modules, and more. This is version 2.9a. Includes source. Author: Dave Wecker, Tony Sumrall, Frank Anthes, and Chuck Forsberg FF330, FF275, FF138, FF114, FF55, FF47, FF41, FF36, FF31, FF29, AM17

VTek V2.3.1 Tektronix graphics terminal emulator based on the VT-100 prog. V2.3 and contains latest 'arc' file compression. AM17

Vttest Program to test compatibility of vt100-compatible terminals and terminal emulators. Requires the resources of a UNIX system to test an Amiga hosted vt100 emulator. (I haven't yet found one that even comes close to passing this test!). Author: Per Lindberg FF35

VU Todor Fay's SoundScape module source code from his AC articles. The Lattice and Manx C source code is here, along with the executable modules. AM26

WackCmds Text tips on using Wack. AM1

wailing guitar Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Wanderer A neat little game with graphics and sound, ported from the Unix version, originally written on a Sun workstation. The idea for Wanderer came from games such as Boulderdash, Xor, and the Repton games from Superior Software. Includes a builtin editor for extending the game by adding additional screens. V2.2, includes source. Author: Steven Shipway and others. Amiga port by Alan Bland FF216

WarpText Fast text rendering routines, to be linked with application programs. Reported to be able to display text as fast or faster than, 'blitz'. This is an update to the version released on FF 87. Version 2.0, includes source. Author: Bill Kelly FF96, FF87

WarpUtil Warp (version 1.11), UnWarp (version 1.0), and WarpSplit (version 1.1). Warp reads raw filesystems and archives them into a compressed version in a normal file. UnWarp turns them back into filesystems. WarpSplit splits them up into smaller pieces on a track by track basis. Binary only. Author: SDS Software FF243

WArranger Sends a window, identified by its name, to the front or to the back, without selecting it. Useful in conjunction with AmiCron. Works on all screens. Includes source in assembler. Author: Heiko Rath FF139

WatchMan A little screen hack inspired by 'EyeCon' on Sun systems. Includes source. Author: Jonas Petersson FF283

water drip Sound demonstration icon-driven part of a set on AMICUS 10 AM10

WaveBench This is Bryce Nesbitt's Badge Killer Demo Contest entry. It is a neat screen hack, and runs on 512K machines. For more laughs, try in conjunction with Viacom or Ds (Dropshadow). Includes source. Author: Bryce Nesbitt FF112

Waveform Jim Shields' Waveform Workshop in AmigaBASIC. In C source code and documentation. AM19

WaveMaker WaveMaker is intended to give beginning music and physics students a 'hands on' feel for how complex waves are made by adding a harmonic series of sine waves. A fundamental and up to seven harmonics are available. The resulting waveform can be displayed on the screen or played on the audio device using the keyboard like a piano. A game mode is also provided. Version 1.1, includes source. Author: Thomas Meyer FF318

WBAssign A small WorkBench program that creates AmigaDOS assignments without having to open a CLI. Assignments may be made by specifying a complete path (as supported by the CLI command), or by specifying a path relative to the current directory. This allows a program and its assigns to be moved easily. In addition, WBAssign can create assigns specified in the icon files of other programs located anywhere in the system. This is version 1.20, binary only. Author: John Gerlach Jr. FF277

WBColors A simple little program to change the Workbench colors to a predetermined color set, for programs that expect to be booted off their distribution disk but instead are run from a hard disk. Includes source. Author: Stefan Lindahl FF121

WBD Possibly the smallest utility to set the workbench screen to any depth. Includes source in C. By: Oliver Wagner FF346

WBDepth CLI program that allows you to change the number of bitplanes for the WB screen on the fly. Very useful for A500 and A2000 users with kickstart in ROM. Binary only. Author: Andry Rachmat FF175

WBDualPF An example of using a dual-playfield screen, using a method contrary to documentation in the Intuition Manual. Fixed version of copy released on FF41. Includes source. Author: Jim Mackraz FF87

WBdump JX-80 optimized workbench printer that does not use DumpRPort. Much more efficient than the Amiga JX-80 driver for fullscreen dumps Includes source. Author: John Hodgson FF58

WBLander This entry from the Badge Killer Demo Contest is a special version of the WBLander program from FF 100. The ending is unique. Also uses sound effectively. Includes source. Authors: Peter da Silva and Karl Lehenbauer FF114, FF100

WBPic Replaces Workbench's color 0 with an IFF hires non-interlaced picture, in 2 or 4 colors. Version 1.0, includes source in Modula-II. Author: Fridtjof Siebert FF234

FREELY REDISTRIBUTABLE SOFTWARE

WBRes A program that allows WorkBench users to have resident programs, as in the resident capability of WShell, the ARP shell, and the WB1.3 Shell. Version 1.2b, shareware, binary only. Author: John Bickers FF277

WBrun A program designed to allow any program to be invoked from CLI yet behave as if it were invoked from Workbench. Workbench need not be loaded, thus saving the memory that Workbench would normally use. Author: JohnToebes FF43

WBShadow A small program that creates a shadow for everything that's displayed on your WorkBench (Windows, Icons, Gadgets, Menus, Texts, etc). V1.0, Source in Modula-II. Author: Fridtjof Siebert FF253

Wc A 'word count' program, ala UNIX's wc, that is faster because it doesn't count what you don't ask for, plus some other improvements. Includes source. Author: Steve Summit FF69

Webster The dictionary page in an IFF picture. AM7

weird A program written in AmigaBASIC that makes strange sounds. AM11

WFrags Another version of Frags, but this one pops up a nice little window that updates occasionally. Necessary for developers who wonder what their program is doing to memory, or wonder why they can't load that program. Includes source. Author: Tomas Rokicki FF131

Wharves HiRES BW tall ships in port FF72

WhatIs A neat little utility which not only recognizes a wide variety of file types (executables, IFF, icons, zoo files, etc), but prints interesting information about the structure or contents of the recognized file types. Version 1.2a, binary only. Author: J. Tyberghein FF334

Wheel Nice little 'Wheel of Fortune' type game, written in AmigaBASIC Author: Hari Wiguna FF67

WheelChairSim A wheelchair simulator developed as a project for the Technical Resource Centre and the Albert Children's Hospital, to allow the matching of a wheelchair joystick to a child's handicap and allow the child to practice using the chair in a safe (simulated) environment. Binary only. Author: Unknown, submitted by Dr. Mike Smith FF139

wheels One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13, AM1

WhereIs Program which searches a disk for the first or multiple occurances of a file with a given name. Author: Steve Poling FF45

Whereis Another 'find-that-file' utility. Whereis searches on your (hard-)disk for a file(name) and displays the path to that file. Some features are case independent search, wildcards, interactive mode (cd implemented), can display size and date of files, always abortable, can archive filenames for 'ZOO' (like fnams/recurdir), and no recursive procedures. Includes source in C. Version 1.18 (2-15-90). Author: Roland Bless FF321

whereis.c Find a file searching all subdirectories. C program. AM5

WhichFont.c Loads and displays all available system fonts pro-cess.i and prtbase.i assembler include files. C program. AM4, AM1

whistle. Sound demonstration icon-driven part of a set on AMICUS 10 AM10

Who A rewrite of 'who', from FF79, which gives substantially more elaborate information about the tasks currently running (or waiting) on your Amiga. Includes source. Author: George Musser, rewrite by Paul Kienitz FF224, FF79

Why replace your AmigaDOS CLI Why AM24

Wicon A 'Window Iconifier'. Allows you to turn your windows into small icons which can be later recalled. Currently installed with MacWin to give your windows a 'rubber-banding' effect. Version 1.14, Includes source. Author: Steven Sweeting Introducing the Amiga FF154

Wild Two versions of UNIX shell style wildcard matching routines. Author: Rich Salzand Fred Fish FF43

Window Sample program which shows how to create a DOS window in a custom screen Author: Andy Finkel FF38

WinSize CLI window utility resizes current window. In C source code, executable program, and documentation. AM19

WireDemo Matt's entry for the Badge Killer Demo Contest. Demonstrates the Amiga's line drawing speed. Runs on a 512K Amiga. Includes source. Author: Matt Dillon FF118

WitchingHour A game. AmigaBASIC Program. AM3

With CLI command that allows you to start any other CLI command several times and give it all the files that match a file pattern as an argument, one at a time. V 1.0, Modula-II Source. By: Fridtjof Siebert FF253

wKeys A 'hot-keys' program that binds keyboard function keys to window manipulation functions (window activation, front to back, moving screens, etc). Includes source. Author: Davide Cervone FF128

WO An intuition-based address book that allows saving of data in normal or password-encoded form. Version 1.0, includes partial source, (password encoding routines not included). Author: Heinzelmann FF363

Woman&Pencil Famous IFF image of a woman holding a pencil (seen in early Digi-View™ advertisements). AM7

Wombat Yet another terminal emulation program. Version 3.01.Has user set table cursor, programmable function keys,vt-102 emulation, auto-dialing, loadable settings files, and more Author: Dave Warker FF50

World A text adventure game similar to the Infocom adventures of Planetfall and Starcross. Quite large with a tremendous variety of responses. V1.02, includes source. By Doug Mcdonald, Amiga port by Eric Kennedy FF184

WorldDataBank A project using geographical data, declassified and made available by the CIA under the Freedom of Information Act, to draw a Mercator projection of any area of the Earth that you would like to inspect, in various degrees of magnification. Also includes a program that displays a 'satellite view' of any region. Version 2.0, includes source. Author: The CIA, Mike Groshart, Bob Dufford FF262

WorldMap A world map in an IFF picture. AM6

WorldMap An AmigaBASIC program which draws a map of the world. AM9

Worm An Amiga implementation of the classic 'worms' program, based on an article in the Dec 1987 issue of Scientific American. You can specify the size and length of the worms, and the number of worms. Includes source. Author: Brad Taylor, Amiga port by Chuck McManis FF218

Wreq Replace 'pop-up' requestors with line-oriented requesters (similar to those found in an MS-DOS environment) that can be easily handled from the keyboard. If there is no interactive console for the process, the requester won't appear. Includes assembly source. Author: Tuomo Mickelsson FF387

WriteIcon Sample code that creates an icon using a compiled-in image, the source of which can be created with Icon2C on FF56. Version 1.0, includes source in C. Author: Dan Burris FF297

X2X Cross converts between Motorola/Intel/Tektronix ASCII-hex files. These files are typically used for down-line-loading into EPROMS, or for transmission where binary files cause chaos. Handles S1, S2, S3, INTEL (inc USBA records), Tektronix (inc extended). Source included. Author: Gary Duncan. FF345

X-Spell A spelling checker to proofread text files and then allow you to move through the document, deciding what to do with the misspelled words. Suggested $15 donation. Author: Hayes Haugen FF40

XBoot A very simple utility to convert a boot block into an executable file so you can use your favorite debugger (Wack, Dis, etc.) to study it. Includes source. Author: Francois Rouaix FF161

XColor A program designed to change the colors of any screen. You can also add and subtract bitplanes in the screen, or convert the screen to black and white (grayscale). Handles HAM and EHB screens. Version 1.2, includes source in assembly code. Author: Roger Fischlin FF244

XColor-Lib Link library with a full-fledged color requestor along with several color functions like copy, spread, exchange, antique black & white, etc. to aid in creating your own custom color requestors. Contains several demos along with include files for C, AmigaBasic, DevPac Assember and KickPascal. Author: Roger Fischlin FF361

XCopy A replacement for the AmigaDOS copy command. Preserves the file date, provides an 'update only' option, and uses UNIX type wildcards. Binary only. Author: Lee Robertson FF74

Xebec A couple of hacks to make life easier for those who have Xebec hard disks. One makes it more possible to Mount a Xebec hard disk with the Fast File System, the other is a compact head parking program. Includes source. Author: Paul Kienitz FF224

xenos One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. The program on AMICUS 1 is in ABasiC FF13, AM1

XenoZap A program that recursively descends into directories, disabling the Xeno virus in all executable files that it finds. Version 1.0, includes source in Modula-2. Author: Kevin Kelm FF300

XfrmrReview Text list of Transformer programs that work. AM9

XHair Replaces the mouse pointer with a screen wide crosshair, which is useful for positioning things vertically or horizontally. V1.0, includes source in Modula-II. By Fridtjof Siebert FF234

Xicon Xicon lets you use icons to call up scripts containing CLI commands. V2.5, an update to FF157. New features include automatic selection of the correct execution directory, the option to have keyboard interaction, and the use of IF, ELSE, etc DOS commands. Binary only. Author: Pete Goodeve FF290, FF157, FF102, FF31

Xlisp Small lisp type interpreter, binary only (source to older version was on disk #18). Version 1.7. Author: Dave Betz FF39, FF18, FF3

XLispStat A statistical program based on David Betz' XLisp. It does some of the most advanced dynamic statistical graphics, included brushing, linking, and 3D rotations. Menus and requestors can be created dynamically with simple lisp commands, and treated as lisp objects, so that the program could be used for many other non- statistical purposes, such as interactive expert systems. XLisp-Stat has an ARexx port so that an editor may be used to prepare lisp programs and send them directly to XLisp-Stat to be executed. Commands, as character strings, may also be sent from XLisp-Stat with the lisp command, 'arexx'. All graphics produced may be saved to files in IFFformat. This version of XLisp-Stat (v.2.1, release 1) has been ported to the Amiga by James Lindsey, from the Mac version supplied by Luke Tierney. Requires a numerical coprocessor (M68881/M68882) and an M68020/M68030 processor. FF385 contains the executables, manual, and lisp files. The sources can be found on FF386. Author: David Betz, Luke Tierney, James Lindsey FF385&FF386

xmodem One of the many basic sample programs from Fred Fish's Disk 13 Grab Bag. At press time it is not certain whether which of the two early basics this program used. FF13

Xnum A useful CLI conversion utility that takes a decimal, binary, octal or hex number as input and displays the number in all four formats. Binary only. Author: Oliver Enseling FF379

Xoper Very comprehensive program to monitor and control system activity. Monitor cpu, memory usage, ports, interrupts, devices. Close windows, screens, show loaded fonts or last Guru code number. Clean up memory, flush unused libraries, devices, fonts. etc. and a whole bunch more! Spawns its own process. A very handy background task to have loaded. This is version 2.2. Changes include mostly bug fixes and some minor enhancements. Assembly source included. Author: Werner Gunther FF318, FF274, FF228, FF171

Xplor A program that scans all the system lists that start in ExecBase and prints out their names and addresses at which they start. Includes assembly source. Author: Larry Phillips FF73

XprKermit An Amiga shared library which provides Kermit file transfer capability to any XPR-compatible communications program. Supports version 2.0 of the XPR Protocol specification. Version 1.5, includes source. Author: Marco Papa, Stephen Walton FF330

XprLib External file transfer protocol library. Document and code example for implementing external file transfer protocols using Amiga shared libraries. This is version 2.0 with many extensions and enhancements. Includes sample XPR library and source. Author: Willy Langeveld FF247, FF240

XprTransmit XprTransmit is an Cli-based command that allows you to easily access to any Xpr Library without having to worry about call-back-function et cetera. It is able to access every serial.device-like exec-device. Only little documentation. Version 1.0, binary only. Author: Andreas Schildbach FF369

XprZmodem An Amiga shared library which provides ZModem file transfer capability to any XPR-compatible communications program. V2.0. It adds support for XPR spec V2.0 capabilities, including automatic download activation, better user interface for setting options, improved transmission speed, and other minor enhancements. Includes source. By Rick Huebner FF261, FF236

Xref A C cross-reference gen., C program in C source code and executable. AM3

xrf C cross reference utility. Originally from Decus C distribution. Author: Bob Denny FF2

YaBoingII A game program demonstrating hardware sprite usage, including collision detection. + Includes source. Author: Ali Ozer, based on original by Leo Schwab FF136, FF36

Yacc This is a port of Berkeley Yacc for the Amiga. This Yacc has been made as compatible as possible with the AT&T Yacc, and is completely public domain. Note that it is NOT the so-called Decus Yacc, which is/was simply a repackaging of the proprietary AT&T Yacc. Amiga version 1.0a, includes source. Author: Bob Corbett, Amiga port by Eric Green FF299

YachtC3 Update to the Yachtc program on disk #10, contains some fixes and incorporates a simple sound process. Version 3, includes source. Author: Sheldon Leemon, with enhancements by Mark Schretlen FF158, FF10, AM2

Yaiffr Yet Another IFF Reader. Handles HAM, HIRES, and overscan, includes source. Author: Leo Schwab FF87

Yawn! A small WorkBench sliding block puzzle to keep your mind and fingers busy while your compiler is busy crunching away on your highly secret, hard earned source code that you hopefully remembered to unscramble first! Features selectable size from 4x4 to 7x7 and European, Hindi or Arabic numerals. Includes source. Author: Lorenz Wiest FF379

YoYo weird zero-gravity yo-yo demo, tracks yo-yo to the mouse, in AmigaBASIC. AM8

Zc A full K&R C compiler based on a port of the Atari ST version of the Sozobon-C compiler. Includes the C compiler main pass written by Johann Ruegg with fixes and enhancements by Joe Montgomery and Jeff Lydiatt, a cc front end written by Fred Fish with enhancements by Jeff Lydiatt and Ralph Babel, an optimizer written by Tony Andrews, an assembler written by Brian Anderson and Charlie Gibb, a linker written by the Software Distillery, generic include files, and a C runtime library written by Dale Schumacher and ported by Jeff Lydiatt. This is version 1.01. Author: Various, see documentation. FF314, FF193

Zerg An Ultima clone that takes your character through a simple but deadly fantasy world where you get to slaughter monsters, talk with the inhabitants of fully populated towns, embark on royal quests, purchase a plethora of weapons, cast spells, and otherwise occupy yourself while your computer is engaged in more important business. Version 1.0, binary only. Author: Mike Shapiro FF252

ZeroVirus A fully integrated virus checker and killer, with bootblock save and restore features. Finds both bootblock and file based viruses. Uses Brainfiles to recognise viruses, and has 'on-line' Brainfile editing facilities. Can be iconified to Workbench screen. This is version 2.01, an update to FF242. Binary only. Author: Jonathan Potter FF287, FF242

Zippy A 'Graphical Shell'. Opens a medium-size window and attaches a menu-strip for performing all sort of disk/data manipulations. Features script files allowing you to attach custom menu selections as you move between directories. Also included is an intuition based utility for altering FileInfo data. (filename, filenote, RWED attributes, etc.) Version 2.5, binary only. Author: Michael Weiblen FF175

Zoo A file archiver, much like 'arc' in concept, but different in implementation and user interface details. Includes some nice features that 'arc' lacks (such as file/path names up to 255 characters in length). This is version 2.00, an update to the version released on FF 136. Binary only. Author: Rahul Dhesi, Amiga port by Brian Waters FF164, FF136, FF108, FF87

ZPlot Graphs formulas based on 4-D complex number planes. ZPlot currently supports the Mandelbrot set, Julia sets, and Phoenix curves, with over 500 mapping variations. The math functions supported include sin(z), sinh(z), z^z, e^z, z^n, sqrt(z), cos(z), cosh(z), tan(z), tanh(z), log(z), ln(z) and n^z. Version 1.3d, binary only Author: Terry Gintz FF389

Get It First

For a comprehensive list of all of the newest Fred Fish Disks and other Amiga software, read the latest *Amazing Computing For The Commodore Amiga.*

AC Disks

Source code and executable programs included for all articles printed in *Amazing Computing*.

1 AC V3.8 and V3.9

Gels In MultiForth Parts I & II: Learn how to use Gels in MultiForth. Author: John Bushakra

FFP & IEEE: An Example of using FFP & IEEE math routines in Modula-2. Author: Steve Faiwiszewski

CAI: A Computer Aided Instruction program with editor written in AmigaBASIC. Author: Paul Castonguay

Tumblin' Tots: A complete game written in Assembly language. Save the falling babies in this game. Author: David Ashley

VGad: A gadget editor that allows you to easily create gadgets. The program then generates C code that you can use in your own programs. Author: Stephen Vermeulen

MenuEd: A menu editor that allows you to easily create menus. The program then generates C code that you can use in your own programs. Author: David Pehrson

Bspread: A powerful spread sheet program written in AmigaBASIC. Author: Bryan Cately

2 AC V4.3 and V4.4

Fractals Part I: An introduction to the basics of fractals with examples in AmigaBASIC, True BASIC, and C. Author: Paul Castonguay

Shared Libraries: C source and executable code that shows the use of shared libraries. Author: John Baez

MultiSort: Sorting and intertask communication in Modula-2. Author: Steve Faiwiszewski

Double Playfield: Shows how to use dual playfields in AmigaBASIC. Author: Robert D'Asto

'881 Math Part I: Programming the 68881 math coprocessor chip in C Author: Read Predmore

Args: Passing arguments to an AmigaBASIC program from the CLI. Author: Brian Zupke

3 AC V4.5 and V4.6

Digitized Sound: Using the Audio.device to play digitized sounds in Modula-2. Author: Len A. White

'881 Math Part II: Part II of programming the 68881 math coprocessor chip using a fractal sample. Author: Read Predmore

At Your Request: Using the system-supplied requestors from AmigaBASIC. Author: John F. Weiderhirn

Insta Sound: Tapping sound from AmigaBASIC using the Wave command. Author: Greg Stringfellow

MIDI Out: A MIDI program that you can expand upon. Written in C. Author: Br. Seraphim Winslow

Diskless Compiler: Setting up a compiler environment that doesn't need floppies. Author: Chuck Raudonis

4 AC V4.7 and V4.8

Fractals Part II: Part II on fractals and graphics on the Amiga in AmigaBASIC and True BASIC. Author: Paul Castonguay

Analog Joysticks: The code for using analog joysticks on the Amiga. Written in C. Author: David Kinzer

C Notes: A small program to search a file for a specific string in C. Author: Stephen Kemp

Better String Gadgets: How to tap the power of string gadgets in C. Author: John Bushakra

On Your Alert: Using the system's alerts from AmigaBASIC. Author: John F. Wiederhirn

Batch Files: Executing batch files from AmigaBASIC. Author: Mark Aydellotte

C Notes: The beginning of a utility program in C. Author: Stephen Kemp

5 AC V4.9

Memory Squares: Test your memory with this AmigaBASIC game. Author: Mike Morrison

High Octane Colors: Use dithering in AmigaBASIC to get the appearance of many more colors. Author: Robert D'Asto

Cell Animation: Using cell animation in Modula-2. Author: Nicholas Cirasella

Improving Graphics: Improve the way your program looks no matter what screen it opens on. In C. Author: Richard Martin

Gels in Multi-Forth-Part 3: The third and final part on using Gels in Forth. Author: John Bushakra

C Notes V4.9: Look at a simple utility program in C. Author: Stephen Kemp

1D_Cells: A program that simulates a one-dimensional cellular automata. Author: Russell Wallace

Colourscope: A shareware program that shows different graphic designs. Author: Russell Wallace

ShowILBM: A program that displays lo-res, hi-res, interlace and HAM IFF pictures. Author: Russell Wallace

Labyrinth_II: Roll playing text adventure game. Author: Russell Wallace

Most: Text file reader that will display one or more files. The program will automatically format the text for you. Author: Russell Wallace

Terminator: A virus protection program. Author: Russell Wallace

6 AC V4.10 and V4.11

Typing Tutor: A program written in AmigaBASIC that will help you improve your typing. Author: Mike Morrison

Glatt's Gadgets: Using gadgets in Assembly language. Author: Jeff Glatt

Function Evaluator: A program that accepts mathamatical functions and evaluates them. Written in C. Author: Randy Finch

Fractals: Part III: AmigaBASIC code that shows you how to save/load pictures to disk. Author: Paul Castonguay

More Requestors: Using system calls in AmigaBASIC to build requestors. Author: John Wiederhirn

Multi-Forth: Implementing the ARP library from Forth. Author: Lonnie A. Watson

Search Utility: A file search utility written in C. Author: Stephen Kemp

Fast Pics: Re-writing the pixel drawing routine in Assembly language for speed. Author: Scott Steinman

64 Colors: Using extra-half-brite mode in AmigaBASIC. Author: Bryan Catley

Fast Fractals: A fast fractal program written in C with Assembly language subroutines. Author: Hugo M. H. Lyppens

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Poor Man's Spreadsheet: A simple spreadsheet program that demonstrates manipulating arrays. Author: Gerry L. Penrose.

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Fully Utilizing the 68881 Math Coprocessor Part III: Timings and Turbo_Pixel Function. Author: Read Predmore.

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Keyboard Input In Assembly: Fourth in a series of Assembly 68000 programming tutorials. Author: Jeff Glatt.

A Shared Library for Matrix Manipulations: Creating a shared library can be easy. Author: Randy Finch.

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- FScape
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- PaintBox
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- ThreeDee
- Topography
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- AddressBook
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- shapes
- BrickOut
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- HAL9000
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- 68020
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- EdCommands
- Filenames
- HalfBright
- ModemPins
- RAMdisks
- ROMWack
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AMICUS Disk 2
- alib
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- fixobj
- shell
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- usq
- YachtC
- Make
- Emacs
- bsearch.asm
- qsort.asm
- setjmp.asm
- SVprintf
- trees.o
- Animate
- Gadgets
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AMICUS Disk 3
- Xref
- 6bitcolor
- Chop
- Cleanup
- CR2LF
- Error
- Hello
- Kermit
- Scales
- SkewB
- Automata
- CrazyEights
- Graph
- WitchingHour
- Casino
- Gomoku
- Sabotage
- Disassem
- DpSlide
- Arrange
- Argoterm

AMICUS Disk 4
- image.ed
- demomenu.c
- demomenu2.c
- demoreq.c
- getascii.c
- idemo.c
- idemo.guide
- idemo.make
- idemoall.h
- nodos.c
- txwrite.c
- addmem.c
- bobtest.c
- consoleIO.c
- creaport.c
- creastdi.c
- creatask.c
- diskio.c
- dotty.c
- dualplay.c
- flood.c
- freemap.c
- geltools.c
- gfxmem.c
- hello.c
- inputdev.c
- joystik.c
- keybd.c
- layertes.c
- mousport.c
- ownlib.c
- ownlib.asm
- paratest.c
- seritest.c
- serisamp.c
- prinintr.c
- prtbase.h
- regintes.c
- setlace.c
- setparallel.c
- SetSerial.c
- singplay.c
- speechtoy.c
- timedely.c
- timer.c
- timrstuf.c
- WhichFont.c
- process.i
- prtbase.i
- autorqstr.txt
- consoleIO.txt
- diskfont.txt
- fullfunc.txt
- inputdev.txt
- v11fd.txt
- v28v1.diff

AMICUS Disk 5
- menudemo
- whereis.c
- bobtest.c
- sweep.c
- mydev.asm
- mylib.asm
- mylib.i
- mydev.i
- asmsupp.i
- macros.i
- amigatricks
- extdisk
- gameport
- parallel
- serial
- v1.1update
- v1.1h.txt
- dospecial.c
- epsondata.c
- init.asm
- printer.c
- printer.link
- printertag.asm
- render.c
- wait.asm.

AMICUS Disk 6
IFF Pictures
- showpic
- ArticFox
- Degas dancer
- the guys at Electronic Arts
- gorilla
- horses
- King Tut
- lighthouse
- Marble Madness
- Bugs Bunny Martian
- still from an old movie
- Dire Straits moving company
- Pinball Contruction Set
- TV newcaster
- the PaintCan
- world map
- Porsche
- shuttle mission patch
- tyrannosaurus rex
- planet view
- VISA card
- ten-speed

AMICUS Disk 7
DigiView HAM demo picture disk
- lady with pencils
- lady with lollypops
- young girl
- bulldozer
- horse and buggy
- Byte cover
- dictionary page
- robot and Robert.
- seeilbm

AMICUS Disk 8
- Browse
- Crunch
- IconExec
- PDScreen Dump
- SetAlternate
- SetWindow
- SmallClock
- Scrimper
- AddressBook
- Ball
- Cload
- Clue
- ColorArt
- DeluxeDraw
- Eliza
- Othello
- RatMaze
- ROR
- Shuttle
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- YoYo
- 3Dcube
- AltIcon
- AmigaSpell
- arc
- Bertrand
- disksalvage
- KwikCopy
- LibDir
- SaveILBM
- StarTerm
- Texts:
- LatticeMain
- GDiskDrive
- GuruMed
- Lat3.03bugs
- MForgeRev
- PrintSpooler
- clist.bmap
- console.bmap
- diskfont.bmap
- exec.bmap
- icon.bmap
- intuition.bmap
- layers.bmap
- math.bmap

AMICUS Disk 9
- FlightSim
- HuePalette
- Requester
- ScrollDemo
- Synthesizer
- WorldMap
- Boing!
- Brush2C
- Brush2Icon
- Dazzle
- DeciGEL
- Klock
- life
- TimeSet
- EMEmacs
- MyCLI
- FnctnKeys
- HackerSIn
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- Ist68010
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- StartupTip
- XfrmrReview
- Canon PJ-1080A
- C Itoh Prowriter
- Epson
- Epson LQ-800
- Gemini Star-10
- NEC 8025A
- Okidata ML-92
- Panasonic KX-P10xx
- Smith-Corona D300

AMICUS Disk 10
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- acoustic guitar
- alarm
- banjo
- bass guitar
- boink
- calliope
- car horn
- claves
- water drip
- electric guitar
- flute
- arp arpegio
- kickdrum
- marimba

AMICUS Disk 11
- dirutil
- cpri
- ps
- vidtex
- pointered
- optimize
- calendar
- amortize
- brushtoBOB
- grids
- hilbert
- madlib
- mailtalk
- meadows3D
- mousetrack
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- switch
- weird
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- cls
- diff
- pm
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- trails
- caseconvert
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- Analyze

AMICUS Disk 12
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- epsonset
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- speaktime
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- AmigaBBS
- star10
- Pictures
- Mount Mandelbrot
- Star Destroyer
- Robot
- Texts
- vendors
- cardco
- cinclude
- mindwalker
- slideshow

AMICUS Disk 13
- ConvertFD
- FutureSound librarires
- gravity
- MIDI
- .bmap files

AMICUS Disk 14
- Tools
- BMAP Reader
- IFFBrush2BOB
- AutoRequester
- DOSHelper
- PETrans
- C Squared
- crlf
- dpdecode
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Mountlake Terrace, WA 98043
(206) 774-7440

Nine Tiles
25 Greenside
Waterbeach, Cambridge,
ENGLAND, CB5 9HW
011-44-223-86-2125

Norris Software
3208 West Lake St. Suite #65
Minneapolis, MN 55416
(612) 827-2766

Northeast Software Group
Distributed by Brown-Wagh

Octree Software, Inc.
311 West 43rd St. Suite 904
New York, NY 10036
(212) 262-3116

ODYSSEY Software
P.O. Box 367
N. Eastham, MA 02651
(508) 240-2317
(800) 323-9421

Omicron Video
21822 Lassen Street Unit L
Chatsworth, CA 91311
(818)700-0742

Omnitrend Software, Inc.
P. O. Box 733
West Simsbury, CT 06092
(818) 700-0742
(818) 700-0313 FAX

One Byte
P.O. Box 455
Quaker Hill, CT 06375
(203) 443-4623

Ontological Survey
PO Box 17488
Milwaukee, WI 53217
(414) 332-1818

Opcode Systems
1O24 Hamilton Ct.
Menlo Park, CA 94025
(415) 321-8977

Optical Coating Laboratory, Inc.
2789 Northpoint Parkway
Santa Rosa, CA 95407-7397
(707)525-7526

Origin Systems Inc.
P.O. Box 161750
Austin, TX 78716
(512) 328-0282

Osbourne McGraw-Hill
2600 Tenth Street
Berkeley, CA 94710-9938
(800) 326-6654 orders

OTG Software
200 West 7th St. Suite 618
Fort Worth, TX 76102
(708) 816-3474

Other Guys, The
55 N. Main, Suite 301D
P.O. box H
Logan, UT 84321
(801) 753-7620
(801) 753-7666 FAX

OXXI, Inc.
1339 East 28th Street
Long Beach, CA 90806
(213) 427-1227
(213) 427-0971 FAX

Oxxi/Aegis Development
1339 E. 28th Street
Long Beach, CA 90806
(213) 427-1227
(213) 427-0971 FAX

PAR Software
Elevator Way, Terminal #2, PO Box 1
Vancouver, WA 98666
(206) 694-1539

Pacific Peripherals
P. O. Box 14575
Fremont, CA 94539

Palomax, Inc.
424 Moreboro Road
Hatboro, PA 19040
(215) 672-6815

Panasonic Communications & Systems Company
Two Panasonic Way
Secaucus, NJ 07094

Pangolin Laser Software
1016 N. Daniel St.
Arlington, VA 22201
(703) 527-4880

Paragon Software Corporation
600 Rugh St.
Greensburg, PA 15601
(412) 838-1166

Parsec Software
P.O. Box 234
Land O' Lakes, FL 34639

Parth Galen
6821 Trotter Rd
Clarksville, MD 21029
(301) 531-3527

Passport Designs, Inc.
625 Miramontes Street
Half Moon Bay, CA 94019
(415) 726-0280
(415) 726-2254 FAX

PCM Industries
2100 North Highway 360, Suite 2101
Grand Prairie, TX 75050-1015
(214) 660-4780
(214) 988-3500

PDJ Software
111 Thornwood Dr.
Marlton, NJ 08053
(609) 596-5732

Peacock Systems, Inc.
2108-C Gallows Road
Vienna, VA 22180
(800) 346-3038
(703) 847-1743

Pecan Software Systems, Inc.
1410 39th St.
Brooklyn, NY 11218
(718) 851-3100

Peterson Enterprises
7 Grove Street
Haydenville, MA 01039
(413) 268-9232

Philadelphia Video Lab Inc.
338 Winding Way
Merion, PA 19066
(800) 333-0013 software
(215) 664-4955 services

Phoenix Microtechnologies Pty Ltd
18 Hampton Road
Keswich,
South Autralia 5035
011-61-8-293-8752
011-61-8-293-8814 FAX

Picture Box, The
8824 David Ave.
St. John, MO 63114
(314) 427-1869

Pigeon Music
1520 Zarger Place
Colorado Springs, CO 80915
(818) 505-1077

Pixelations, Inc.
P.O. Box 547
Northboro, MA 01532
(508) 393-7866
(508) 393-6119 FAX

Poco Loco
354 Palatine Park Road
Germantown, NY 12526
(518) 537-5923

AMIGA VENDORS

Polar Arts Software
14145 Janna Way
Sylmar, CA 91342
(818) 362-8565

Polyglot Software
884 W. Melrose Lane
Boise, ID 83706
(208) 336-4583

Poole Creek Software
PO Box 1488
Stittsville, Ontario,
Canada K0A 3G0
(613) 836-1645

Poor Person Software
3721 Starr King Circle
Palo Alto, CA 94306
(415) 493-7234

Power Computing Ltd.
44A Stanley Street
Bedford MK41 7RW,
ENGLAND
011-44-234-27-3000
011-44-234-27-0133 FAX

PROGRAFIX SOURCE
3827 South 58th Court
Cicero, IL 60650-4212

Practical Solutions, Inc.
1135 N. Jones Blvd.
Tucson, AZ 85716
(602) 322-6100

Prairie Dock Software
6947 N. Oriole Avenue
Chicago, IL 60631
(312) 775-0816

Prakticon, Inc.
27 Hutchings Court N.E.
Medicine Hat, Alberta,
Canada T1C1G3
(403) 526-4765

Pre'spect Technics Inc.
PO Box 670 Station H
Montreal, Quebec,
Canada H3G 2M6
(514) 954-1483
(514) 876-2869 FAX

Precision Approach, Inc.
207 E. 3rd St.
Prophetstown, IL 61277
(815) 537-2211

Precision Software Inc.
8404 Sterling St. Suite A
Irving, TX 75063
(214) 929-4888
(214) 929-1655 FAX

Pregnant Badger Music
10010 Biscanewoods Way
Sacramento, CA 95827
(916) 361-8217

Premier Software
PO Box 3782
Redwood City, CA 94064
(415) 364-4696

Pro-Tronic Systems Ltd.
720 -6th Street, #227
New Westminster, B.C.,
Canada V3L 3C5
(604) 290-1631

Progeni
3268 Young St.
Toronto Ontario,
Canada M4N 2L6
(416) 322-6512

Progressive Peripherals & Software
464 Kalamath St.
Denver, CO 80204
(303) 825-4144

Prolific, Inc.
1808 W. Southgate Ave.
Fullerton, CA 92633
(714) 447-8792

Psygnosis Limited
29 St. Mary's Court
Brookline, MA 02146
(617) 731-3553
(617) 731-8379 FAX

Pulsar
410 Maple Ave
WestBury, NY 11580
(516) 997-6903
(516) 334-3091 FAX

Puzzle Factory, The
PO Box 986
Veneta, OR 97487
(503) 935-3709

PVS Publishing/Shereff Systems
15075 SW Koll Parkway Suite G
Beaverton, OR 97006
(503) 626-2022

Quality Business Systems
PO Box 805
Hudson, MA 01749
(800) 225-5800

Queue, Inc.
562 Boston Ave.
Bridgeport, CT 06610
(800) 232-2224
(203) 335-0908

R & D L Productions
11-24 46th Avenue, 2A
Long Island City, NY 11101
(718) 392-4090

Radical Eye Software
P. O. Box 2081
Stanford, CA 94309
(415) 326-5312

Rainbows Edge Productions
4412 4th Ave.
Brooklyn, NY 11220
(718) 965-1922

ReadySoft Inc.
30 Wertheim Court, Unit 2
Richmond Hill, Ontario,
Canada L4B 1B9
(416) 731-4175

Realism Entertainment
6 N 522 Pine
Bensenville, IL 60106
(708) 595-7487

Redmond Cable Corp
17371 A1 NE 67th St
Redmond, WA 98052
(206) 882-2009 West
(615) 478-5760 East
(206) 883-1430 FAX

RGB Computer & Video
3944 Florida Blvd. Ste. #4
Palm Beach Gardens, FL 33410
(407) 622-0138
(407) 626-5138 FAX

Ricoh Corporation
Five Dedrick Place
West Caldwell, NJ 07006
(201) 882-2000

Right Answers Group, The
P. O. Box 3699
Torrance, CA 90510
(213) 325-1311

Rittinghouse Software Development Company
RR 2, Box 62
Parker, SD 57053
(605) 342-6229

RockLogic
P. O. Box 22
Slippery Rock, PA 16057

Ronin Research And Development
P. O. Box 1093
Alameda, CA 94501

S.P.O.C.
299 Old Highway 69
Kiowa, OK 74553
(918) 432-5774

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SAS Circle Box 8000
Cary, NC 27512-8000
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(919)677-8123 FAX

Saddleback Graphics
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(714) 540-4062

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W255 N499 Grandview Blvd. Ste. 204
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(414) 544-2066

Sama Software Inc.
5124 St. Laurent, Suite 100
Quebec,
Canada J0L 1E0
(514) 638-6528
(514) 638-6303

Sassenrath Research
387 North State Street, Suite 200
Ukiah, CA 95482
(707) 462-4878

SaxMan Systems
400 Walnut #403
Redwood City, CA 94063
(415)368-6499
(415)369-4411 FAX

Saxon Industries
14 Rockcress Gardens
Nepean Ontario,
Canada K2G 5A8
(613)228-8043
(613)563-9596

Scorpion
19 Harbor Drive
Lake Hopatcong, NJ 07849
(201) 663-0202

Scott, Foresman, & Co.
1900 Eastlake Ave.
Glenview, IL 60025
(312) 729-3000

Second Source Systems, Inc.
501 Business Parkway
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(214) 680-8394

Sedona Software
11828 Rancho Bernardo Road
San Diego, CA 92128
(619) 451-O151

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Selectronics Inc.
5147 S. 37th Street
Lincoln, NE 68516
(402) 423-3856

Semitech Inc.
Lakeview Commons, Suite 303,
146 South Lakeview Dr. (Rt.561)
Gibbsboro, NJ 08026
(609)346-9814
(800)356-3579

Seven Seas Software
P. O. Box 1451
Port Townsend, WA 98368
(206) 385-1956

Seymor-Radix
P. O. Box 166055
Irving, TX 75016
(214) 255-7490

Shereff Systems, Incorporated
15075 SW Koll Parkway Suite G
Beaverton, OR 97006
(503) 626-2022

Sierra On-Line
PO Box 485
Coarsegold, CA 93614
(800) 344-7448 orders
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AMIGA VENDORS

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P. O. Box 628
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(916) 944-4282
(800) 634-2952

Silver Fox Software
P.O. Box 551413
Dallas, TX 75355-1413
(214) 349-1681

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1922 Purchase Brook Road
Southbury, CT 06488
(203) 264-2583

SKE Software Company
2780 Cottonwood Court
Clearwater, FL 34621
(813) 787-3111

Skyles Electric Works
231E South Whisman Road
Mountain View, CA 94041
(800) 227-9998
(415) 965-1735

Slide City
6474 Highway 11
Deleon Springs, FL 32130
(904) 985-1103

Slipped Disk
31044 John Road
Madison Hgts., MI 48071
(313) 583-9803

Soft Logik Corporation
11131 S. Towne Sq. Suite F
St. Louis, MO 63123
(314) 894-8608
(314) 894-3280 FAX

Soft Service, Inc.
ElectroCity, 4th Floor
SF-20520 ÅBO,
Finland
011-358-21-637-5729 FAX

Soft-Link, Inc.
P.O. Box 304
Coventry, RI 02816
(401) 828-9304

Software Advantage Consulting Corporation
37346 Charter Oaks Blvd.
Mt. Clemens, MI 48043
(313) 463-4995

Software Co., The
51 Murray St. 4th Flr.
New York, NY 10007
(212) 608-9150

Software Factory, The
4574 N. Linda Vista
Boise, ID 83704
(208)378-0836

Software Ingenuity
11325 94th St. N., P. O. Box 10084
Largo, FL 34643
(813) 393-8240

Software Integration Solutions
11027 Twin Pond Terrace
San Diego, CA 92128
(619)748-3350

Software Plus
6212 North on Western Ave
Chicago, IL 60659
(312) 338-6100

Software Sensations
P.O. Box 2414
Beverly Hills, CA 90213
(213) 277-8272

Software Support International
2700 NE Anderson Rd.
Vancouver, WA 98661
(206) 695-0059

Software Terminal
P.O. Box 123225
Fort Worth, TX 76121
(817) 737-3297

Software Toolworks, The
19808 Nordhoff Place
Chatsworth, CA 91311
(818) 885-9000

Software Visions, Inc.
12625 La Tortola
San Diego, CA 92129-3069
(619) 538-6263
(619) 538-0594 FAX

Softwaresmith, The
114 Daniel Webster Hwy. S. Ste. 131
Nashua, NH 03060

Softwood Company
4632 E. Desert Dr.
Phoenix, AZ 85044

Sound Quest, Inc
1573 Eglinton Ave. W Ste. 200
Toronto,
Canada M6E 2G9
(800) 387-8720
(416) 256-0466

Spectrum HoloByte
2061 Challenger Drive
Alameda, CA 94501
(415) 522-0107

Speech Systems
38 W. 255 Deerpath Rd.
Batavia, IL 60510
(312) 879-6880

Spencer Organization, Inc.
24 Wampum Road
Park Ridge, NJ 07656
(201) 307-9099
(201)307-9404 FAX

Spirit Technology Corp.
220 W. 2950 S.
Salt Lake City, UT 84115
(800) 433-7572
(801) 458-4233

SportTime Computer Software
3187-G Airway Avenue
Costa Mesa, CA 92626
(714) 966-1311

Sprite Technology
15312 Park Hill Dr.
Gainesville, GA 30501
(404) 535-8806

Star Games
708 W. Buffalo Avenue, Suite 200
Tampa, FL 33603
(813) 222-0006

Star Micronics Inc.
200 Park Avenue, Suite 3510
New York, NY 10166
(212) 986-6770

StarSoft Development Labs
9240 South Highway 17-92
Maitland, FL 32751
(407) 657-7553

Sterling Connection, The
P.O. Box 4850
Berkley, CA 94704
(415) 655-2355

Strategic Simulations, Inc.
675 Almanor Avenue
Sunnyvale, CA 94086-2901
(408) 737-6800
(408) 737-6814 FAX

Studio 7
8401 W. 75th Street
Overland Park, KS 66204
(913) 649-0491

Sun Rize Industries
270 E. Main Street, Suite C
Los Gatos, CA 95032
(408) 354-3488
(408) 354-2596 FAX

Suncom
6400 W. Gross Point Road
Niles, IL 60648
(312)647-4040
(312)647-7828 FAX

Sunsmile Software
533 Fargo Avenue
Buffalo, NY 14213
(716) 885-5670

Supra Corporation
1133 Commercial Way
Albany, OR 97321
(800) 727-8772
(503) 967-9075

Surfside Components Int.
P. O. Box 1836
Capitola, CA 95010
(800) 548-9494

SYNDESIS
N9353 Benson Road
Brooklyn, WI 53521
(608) 455-1422

Sybex Computer Books
2021 Challenger Drive #100
Alameda, CA 95401
(415) 523-8233

Synergy Peripheral Systems
5638 Allen Ave. Suite #3
San Jose, CA 95123
(408) 972-2434

Synthetic Reality Software
P.O. Box 6066
St Cloud, MN 56302
(612) 259-9499
(612) 845-4736 FAX

subLOGIC Corporation
713 Edgebrook Drive
Champaign, IL 61820
(800) 637-4983
(217) 356-4166

T & L Products
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Carlsbad, CA 92008
(619) 729-4020

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4896 Parkinson St.
Pierrefonds Quebec,
Canada H8Y 2Z4
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T.S.R. Hutchinson
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Houston, TX 77037
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(713) 448-5431 FAX

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(717) 794-2191 FAX

TAP Development Corporation
1820 E. Sahara Avenue, Suite 200
Las Vegas, NV 89104
(702) 732-4900

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267 West Esplanade
N. Vancouver, B.C.,
Canada V7M 1A5
(604) 984-3344

Take 1 Video Productions, Inc.
537 S. Cuyler Ave.
Oak Park, IL 60304
(312) 321-8253

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1329 Corte De Los Vecinos
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Grants Pass, OR 97526
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Teknoware
18627 Brookhurst St. Suite 135
Fountain Valley, CA 92708
(714) 871-5650

TeleGraphics International
605 Dock Street
Wilmington, NC 28401
(919) 762-8028

Telmak Inc.
1101A Air Way
Glendale, CA 91201
(800)637-4540

Tensor Productions
280 Mathilda Drive No.9
Goleta, CA 93117
(805) 685-2994
(805) 685-6245

Three-Sixty, Inc.
2105 S. Bascom Ave., Suite 290
Campbell, CA 95008
(408) 879-9144

Tiger Media
5801 E. Slauson Avenue, Suite 200
Los Angeles, CA 90040
(213) 721-8282
(213) 721-8336 FAX

Tigress
P. O. Box 665
Glendora, CA 91740
(818) 334-0709

Titus Software Corporation
20432 Corisco St.
Chatsworth, CA 91311
(818) 709-3693

ToolCaddy Works, The
PO Box 5873
Laughlin, NV 89029-5873
(702) 298-4252

Top Disk Software
8 Creek Run Road
Newburgh, NY 12550
(914) 562-2129

TRSL
760 Magazine St. Ste. 215
New Orleans, LA 70130

Tri-Media
60 East Hintz Rd.
Wheeling, IL 60090

Tripp Lite
500 N. Orleans
Chicago, IL 60610-4188
(312) 329-1777
(312) 644-6505 FAX

Tru-Image
P. O. Box 660, Cooper Station
New York, NY 10276
(212) 777-7609

True BASIC, Inc.
12 Commerce Ave.
West Lebanon, NH 03784
(800) TR-BASIC
(603) 298-5655

Trumor Company, Inc., The
2745 201st Ave NW
Oak Grove, MN 55011
(612) 753-5050

TSA Media/American Software Distributers
RR 1 Box 290 Bldg. 3
Urbana, IL 61801
(217) 643-2050

TTR Development
1120 Gammon Lane
Madison, WI 53719
(608) 277-8071

TV One Productions
7 Delsea Plaza Delsea Drive
Westville, NJ 08093
(609) 848-5698

tengen
1623 Buckeye Dr
Milipitas, CA 95035
(408) 473-9400

Ultra Software Corporation
900 Deerfield Parkway
Buffalo Grove, IL 60089-4510
(708) 215-5111
(708) 215-5100 FAX

Unicorn Software Company
2950 E. Flamingo Road, Suite B
Las Vegas, NV 89121
(702) 737-8862

Unison World
1321 Harbor Bay Parkway
Alameda, CA 94501
(415) 748-6670

USA Media
7810 Malcoln Road
clinton, MD 20735
(301) 868-9060

Utilities Unlimited, Inc.
30050 NW Scotch Church Rd.
Hillboro, OR 97124
(503) 547-5611

Vega Technologies
2302 D Avenue Suite#104
National City, CA 92050
(619) 477-5887

Venn Software Ltd.
328-1027 Davie Street
Vancouver, B.C. ,
Canada V6E 4L2
(604) 682-8578 FAX

VersaSoft Corporation
4340 Alameda Expressway Ste. 110
San Jose, CA 95118
(408) 723-9044
(408) 723-9046

Vertical Solutions
P. O. Box 7535
Olympia, WA 98507
(800) 942-4008
(206) 352-2097

Very Vivid, Inc
P.O.Box 127 Station B
Toronto,
Canada M5T-2T3
(416)686-7850
(416) 686-8595 FAX

Victor Osaka
1341 Ocean Ave. #349
Santa Monica, CA 90401
(213)398-7649
(213)398-7649 FAX

VideoAdvantage
Dept.BG, 1229 Poplar Avenue
Mountainside, NJ 07092
(201) 233-8659

VidiA
P.O. Box 1180
Manhattan Beach, CA 90266
(213) 379-7139

VidTech International, Inc.
2822 NW 79th Avenue
Miami, FL 33122
(305) 477-2228

Viewtopia
2488 Riverside Ave
Somerset, MA 02726
(508)679-2050

Virgin Mastertronic International
18001 Cowan Street, Suite A &B
Irvine, CA 92714
(714) 833-8710
(714) 833-8717 FAX

Virtual Reality Laboratories, Inc.
2341 Ganador Court
San Luis Obispo, CA 93401
(805) 545-8515

Visual Aural Animation
P. O. Box 4898
Arcata, CA 95521
(707) 822-4800

Vivid Effects
8461 Keele Street Unit 23
Concord, Ontario,
Canada L4K 1Z6
(416) 738-6535

W. van Heeckeren
12 Burfitt Street N.S.W. 2040
Australia
(011) 02-560-2910

Walt Disney Computer Software, Inc.
500 S. Buena Vista Street
Burbank, CA 91521
(818) 567-5360

WaveTable Technologies
1647 Willow Pass Rd. Suite #267
Concord, CA 94520
(415) 687-3156

William S. Hawes
P. O. Box 308
Maynard, MA 01754

Wollner Associates
3306 Horseman Lane
Falls Church, VA 22042
(703) 533-1236

WordPerfect Corporation
1555 N. Technology Way
Orem, UT 84057
(801) 225-5000
(801) 227-4288 FAX

WWF MicroLeague Wrestling
2201 Drummond Plaza
Newark, DE 19711

X-10 Inc.
185A Le Grand Avenue
Northvale, NJ 07647
(800) 526-0027
(201) 784-9700

Xetec, Inc.
2804 Arnold Road
Salina, KS 67401
(913) 827-0685
(913) 827-6023 FAX

Yooper Communications
P.O. Box 26506
Green Bay, WI 54303
(414) 434-9779

Zardoz Software
6114 La Salle Avenue Suite 304
Oakland, CA 94116
(415) 339-6280
(415) 339-6862 FAX

Zirkonics Corp.
422 Guy
Montreal, Quebec,
Canada H3J 1S6
(514) 933-7711

Zuma Group
6733 N. Black Canyon Hwy.
Phoenix, AZ 85015
(602) 246-4238
(602) 246-6708 FAX

DEVELOPERS

Please make as many copies of the form on the next page as needed.

Use a separate form for each product to be listed in AC' Guide. Please indicate the categories you would like your product to be listed under, in the order of your preference.

Accelerators
Accessories & Services
- Accessories/Workstations
- General
- Services

Books & Tapes
- Audio Tapes
- Book/Dos
- Book/Entertainment
- Book/General
- Book/Graphics
- Book/Programming
- Book/Technical
- Book/Video
- Books/Tutorials
- Video Tapes/Entertainment
- Videotapes/Tutorials
- Videotapes/Video

Business & Home Productivity
- Accounting
- Databases
- Finance
- Forms
- General
- Integrated
- Miscellaneous
- Planning
- Spreadsheet/Utilities
- Spreadsheets
- Statistical Analysis

Desktop Publishing
- Clip Art
- Drawing Programs
- Fonts
- Forms
- General
- Print Utilities
- Tutorial

Desktop Video
- Fonts
- General
- Image Processing
- Miscellaneous
- Sound
- Tutorial
- Utilities

Drives
- Drives Tape Backup
- External Floppy Drives
- Floppy Drive Accessories
- General
- Hard Drive Accessories
- Hard Drive Controller Only
- Hard Drive Controller with Autoboot
- Hard Drive Controller with Autoboot & Expansion
- Hard Drive Kits
- Hard Drive Optical Drives
- Hard Drives
- Hard Drives Complete
- Hard Drives Complete with Autoboot & Expansion Memory
- Hard Drives Complete with Autoboot
- Hard Drives Removable Media
- Internal Floppy Drives

Education
- Biology
- Business
- Economics
- Elementary
- English
- English as a Second Language
- Foreign Languages
- General
- Geography
- Health
- History
- Logic
- Math
- Miscellaneous
- Music
- Science
- Social Studies
- Teaching Aids
- Test Preparation
- Typing

Entertainment
Graphics Arts
- 3-D
- 3-D Videotitling
- 3-D Clip Art & Objects
- 3-D Fonts
- 3-D Utilities
- Animation
- Animation & Utilities
- Artworks
- Cad
- Cad Parts
- Cad Utilities
- General
- Geographical Exploration
- Graphics Display Card
- Paint
- Paint Clip Art
- Paint Fonts
- Paint Tutorials
- Paint Utilities
- Scientific, Business, & Engineering

Memory Expansion
- 32 Bit Memory Expansion
- Battery Backup Memory
- General
- Memory Expansion W/Clock

Miscellaneous Hardware
- Back Up Hardware
- Bridgeboard
- Cables
- CD-ROM
- Chips
- Clocks
- Computer Systems
- Education
- Entertainment
- Entertainment/Joysticks
- Experimental Hardware
- FAX-SSTV
- Graphics Hardware
- Home Security Hardware
- Input Devices/Graphic Tablets
- Input Devices/Keyboards
- Input Devices/Light Pens
- Input Devices/Mouses
- Input Devices/Touch Screens
- Integrated Multimedia Systems
- Miscellaneous
- Modems
- Monitor Accessories
- Monitors
- Networking
- Port Expansion
- Printer/Buffers
- Printer/Inks
- Printer/Laser
- Printers
- Scanners & Digitizers
- Scientific Digitizers And Controllers
- Sound And Music Hardware/ Digitizers
- Sound And Music Hardware/ General
- Sound And Music Hardware/ Midi Interfaces
- Sound And Music Hardware/ SMPTE
- Switchers
- System Expansion & Expansion Chassis
- Testing
- Transputing

Miscellaneous Software
- Amateur Radio
- Artificial Intelligence
- Authoring Systems
- Calendars
- CD-ROM
- Cooking
- Disk Catalogs
- Disk Magazines
- Engineering
- Fortune Telling
- Gambling
- Genealogy
- General
- Home Security
- Interfaces For The Blind or Visually Impaired
- Networking
- Religion
- Statistical Analysis
- Telecommunications
- Tutorials
- Weather
- Weaving

Music
- Editor/Librarian
- General
- Miscellaneous
- Percussion
- Programming
- Songs
- Sounds And Instruments
- Tutorial
- Utilities

Programming
- Entertainment
- General
- Graphics
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- Text Editors
- Tutorial
- Utilities
- Video Programming

Utilities
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- Cryptography
- Dos Conversion
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- Digitizers
- Digitizers/Accessories
- Digitizers/Frame Grabbers
- Digitizers/Scanners
- Digitizers/Scanners/ Accessories
- Dve
- Editing Hardware
- Encoders
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Please make sure your company name is complete and use caps only where actually used in name.

Full Address

Phone/FAX

Free Category

Product/Price

Please make sure your product name is complete and use caps only where actually used in name.

Description

50 Words or Less.

System Requirements

ARexx Compatible?

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2.11	2.12	3.1	3.2	3.3	3.4	3.5	3.6	3.7	3.8	3.9	3.10	3.11	3.12	4.1	4.2	4.3	4.4	4.5
4.6	4.7	4.8	4.9	4.10	4.11	4.12	5.1	5.2	5.3	5.4	5.5	5.6	5.7	5.8	5.9	5.10	5.11	5.12

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O 2. Amiga 2500 O 5. Amiga 2500
O 3. Amiga 2000 O 6. do not own an Amiga

B. If none of the above, which do you plan to buy soon?
O 7. Amiga 3000 O 9. Amiga 2000
O 8. Amiga 2500 O 10. Amiga 500

C. Which Amiga hardware product do you plan to buy next?
O 11. memory expansion O 15. modem
O 12. hard drive O 16. music tool
O 13. IBM emulators O 17. video product
O 14. printer O 18. accelerator
O 19. other (please specify):

D. Which Amiga software product do you plan to buy next?
O 20. 'C' language O 27. spreadsheet
O 21. Forth language O 28. database
O 22. Modula-2 language O 29. financial
O 23. Assembly language O 30. video
O 24. BASIC language O 31. graphics
O 25. entertainment O 32. music
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O 35. $251—$500 O 39. $2001—$4000
O 36. $501—$1000 O 40. over $4000
O 37. $1001—$1500

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O 41. local Amiga Dealer O 43. manufacturer
O 42. discount department store O 44. mail order

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O 45. frequently O 47. once
O 46. occasionally O 48. never

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O 53. _____ others, in addition to myself

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AC's Guide Fall/Winter '90/'91
Valid Until 4/15/91
see page 256 for reference numbers

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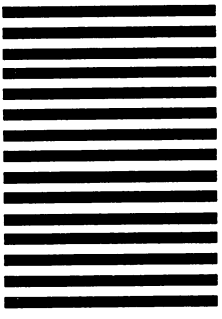

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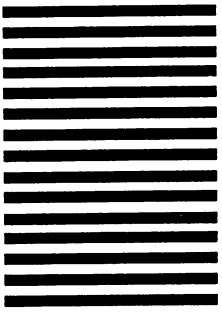

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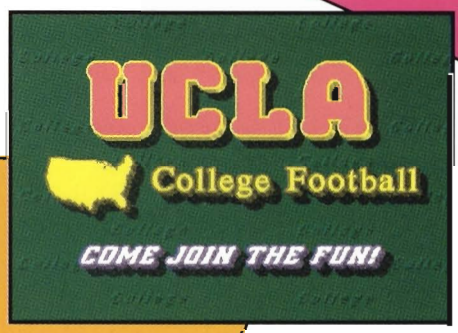

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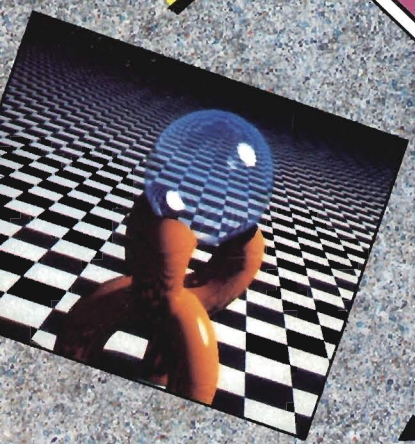

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